

FIG. 1

1/38

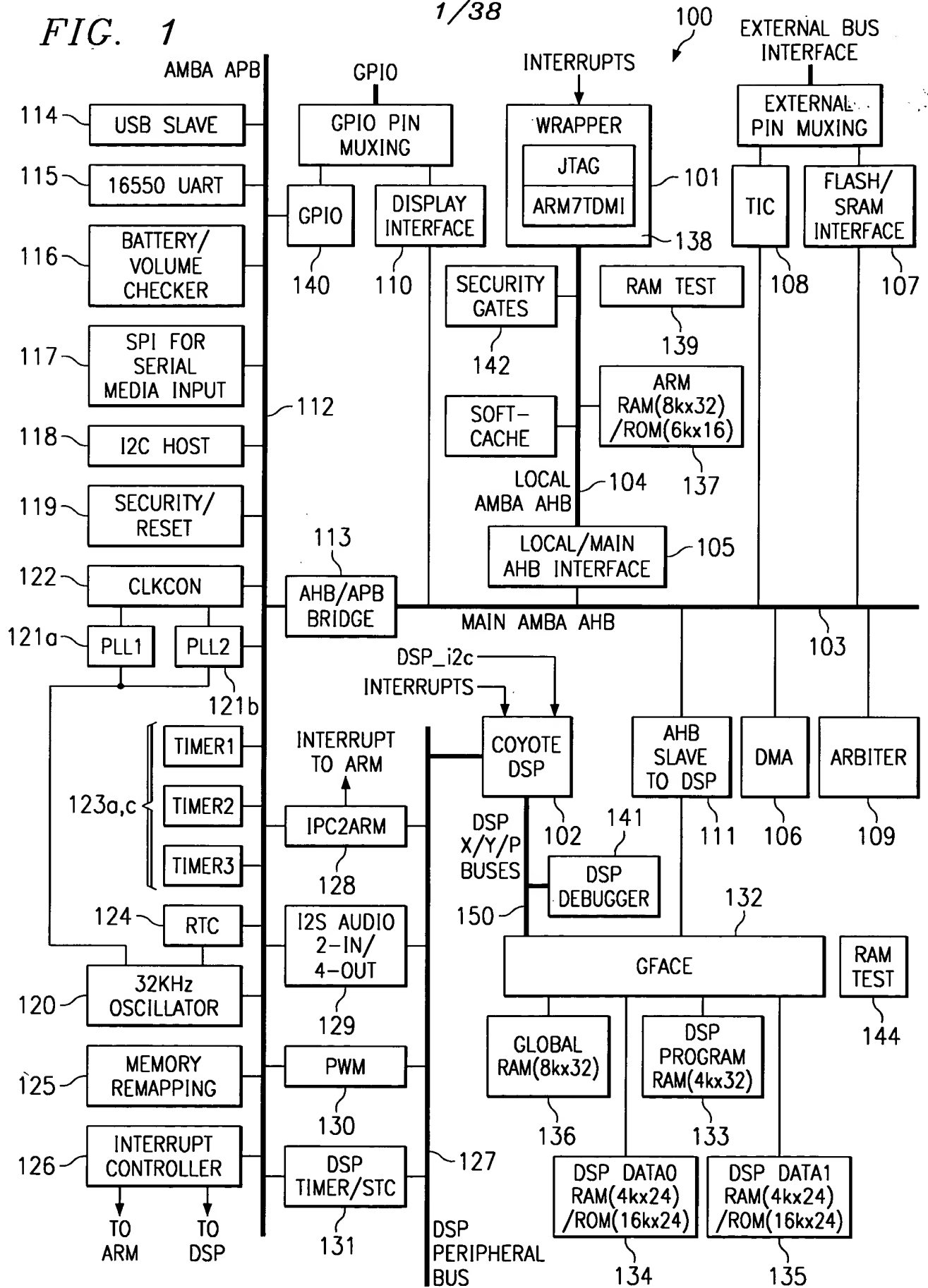


FIG. 2A

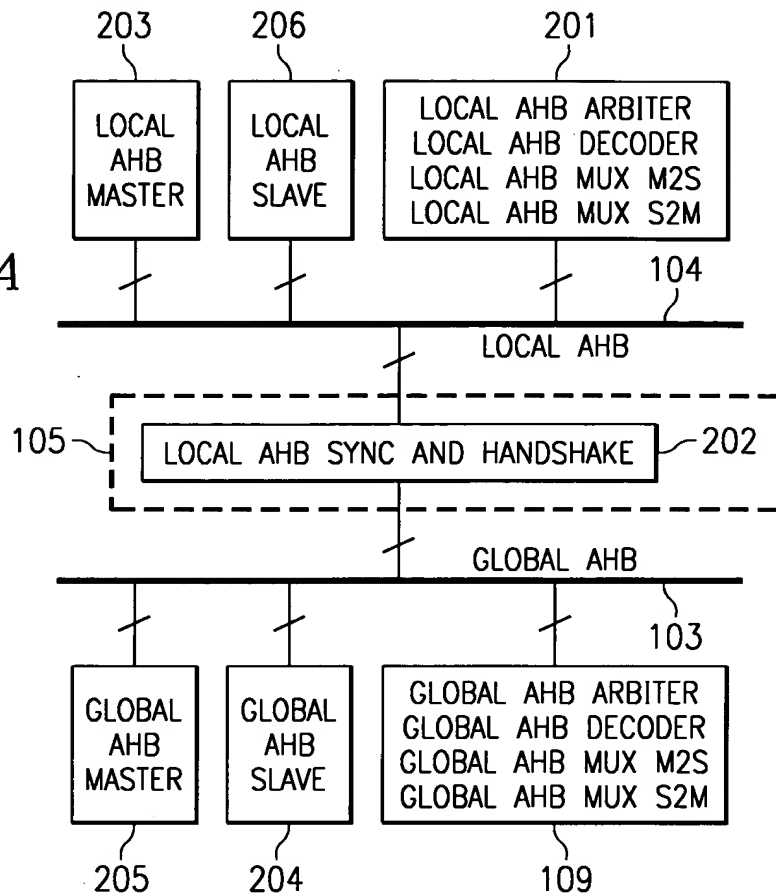
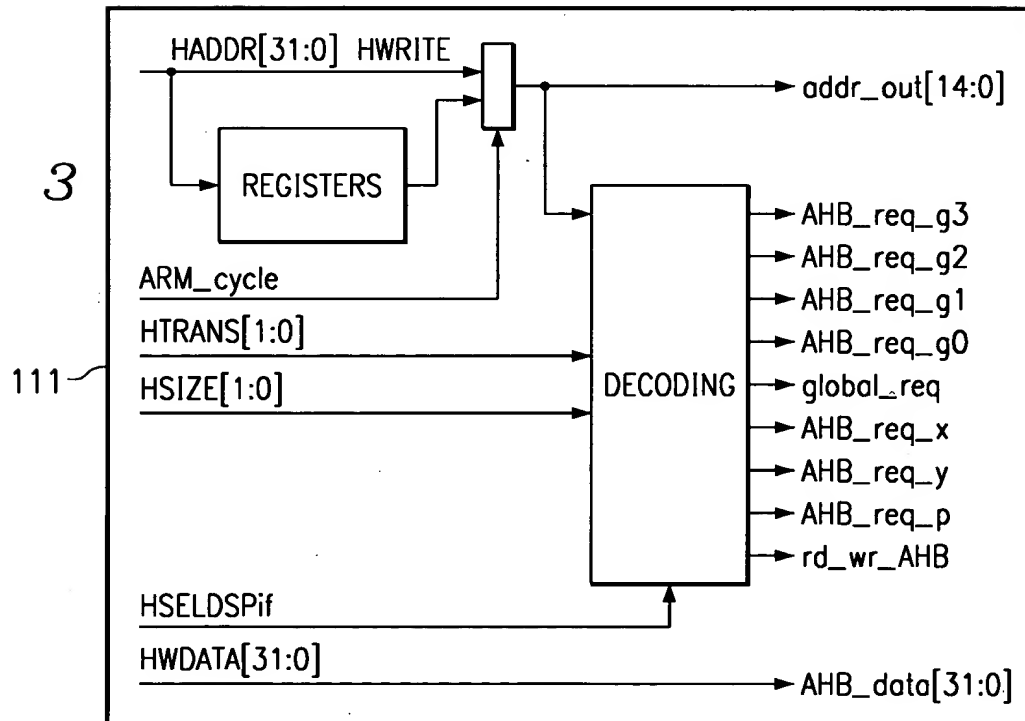
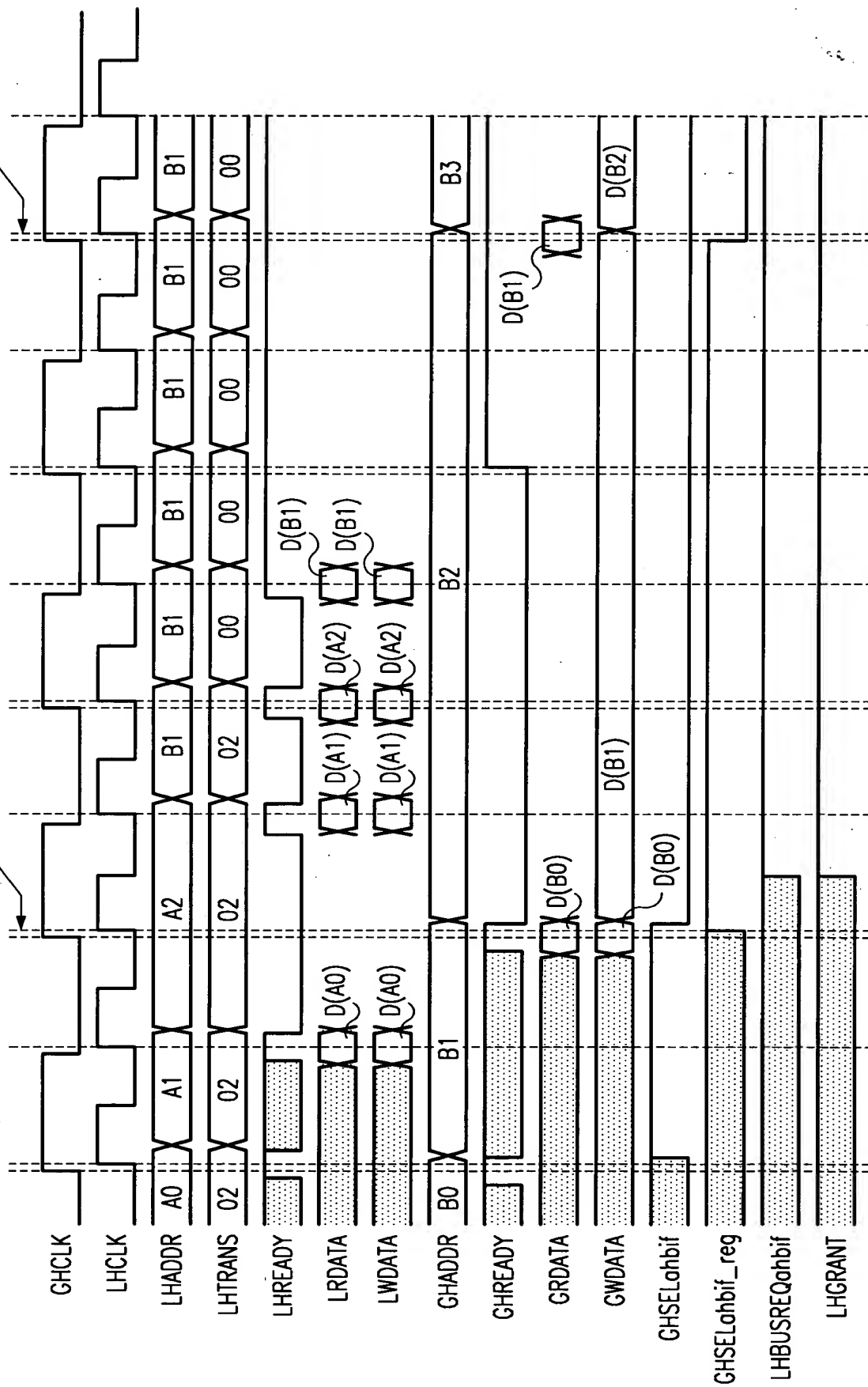


FIG. 3



DATE D(B1) RECEIVED  
IN GHCLK DOMAIN



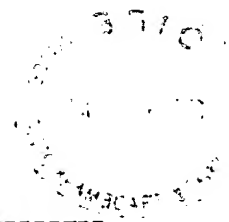


FIG. 2C

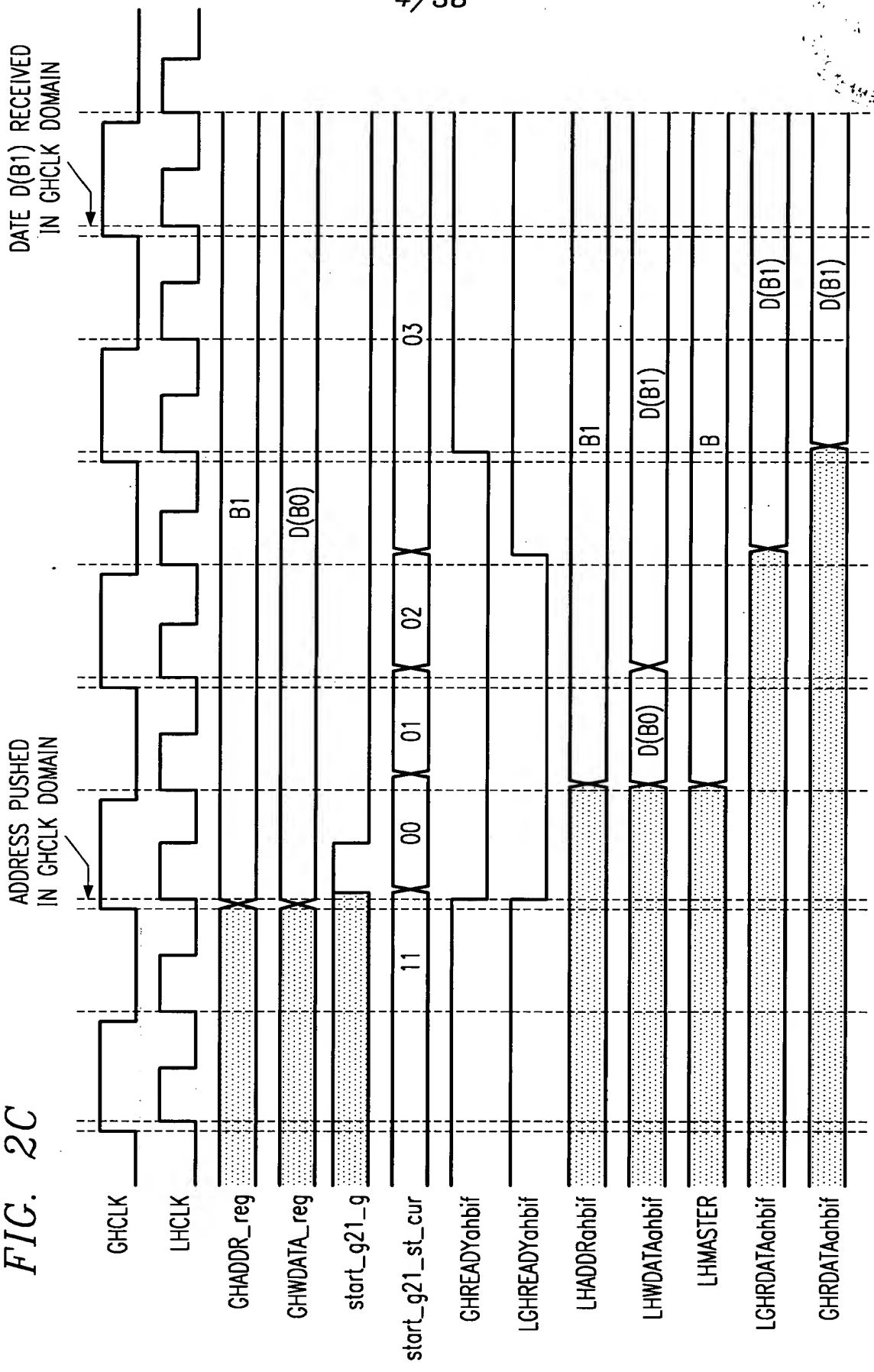
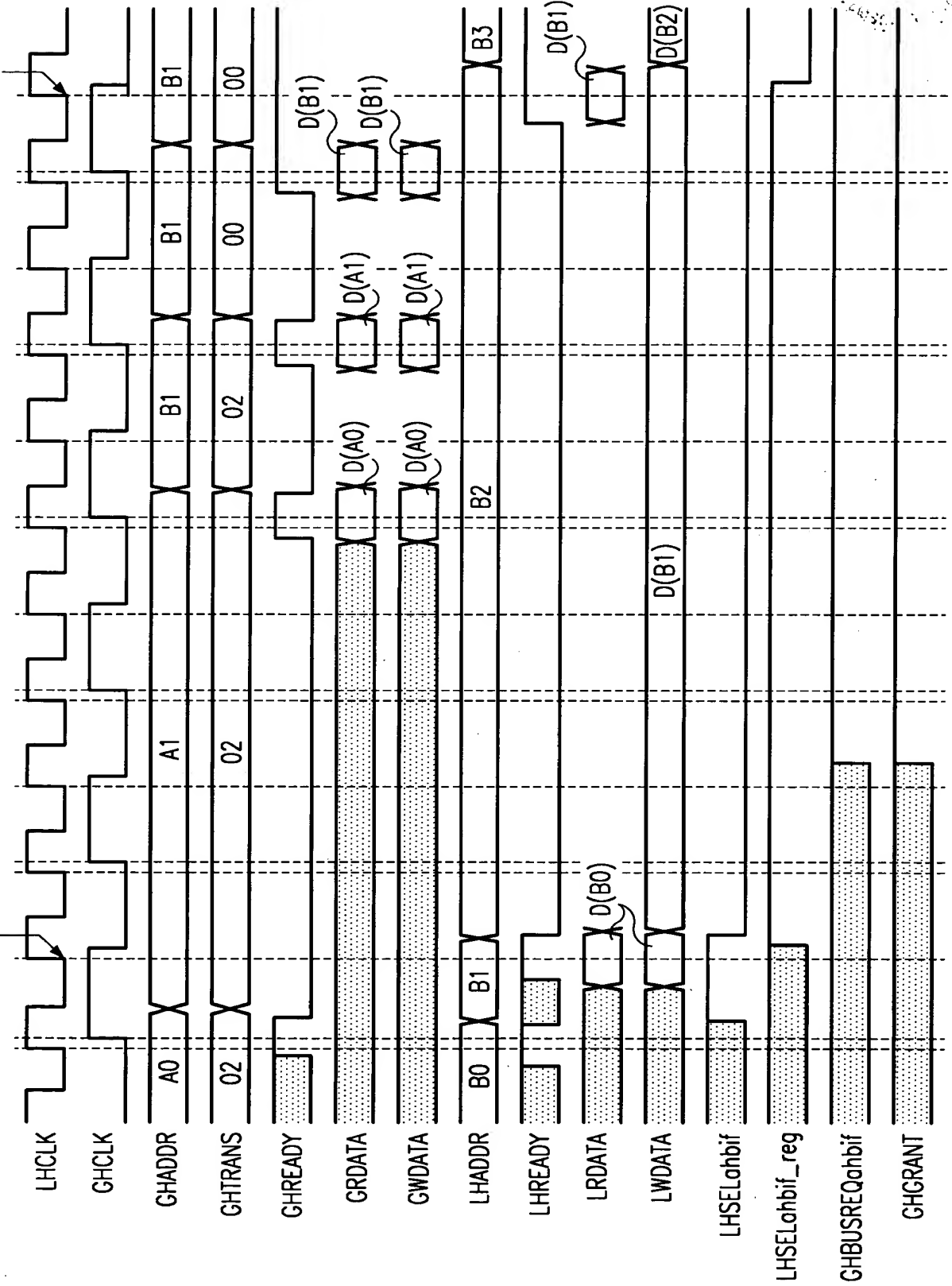


FIG. 2D

ADDRESS PUSHED  
IN LHCLK DOMAIN

DATA D(B1) RECEIVED  
IN LHCLK DOMAIN



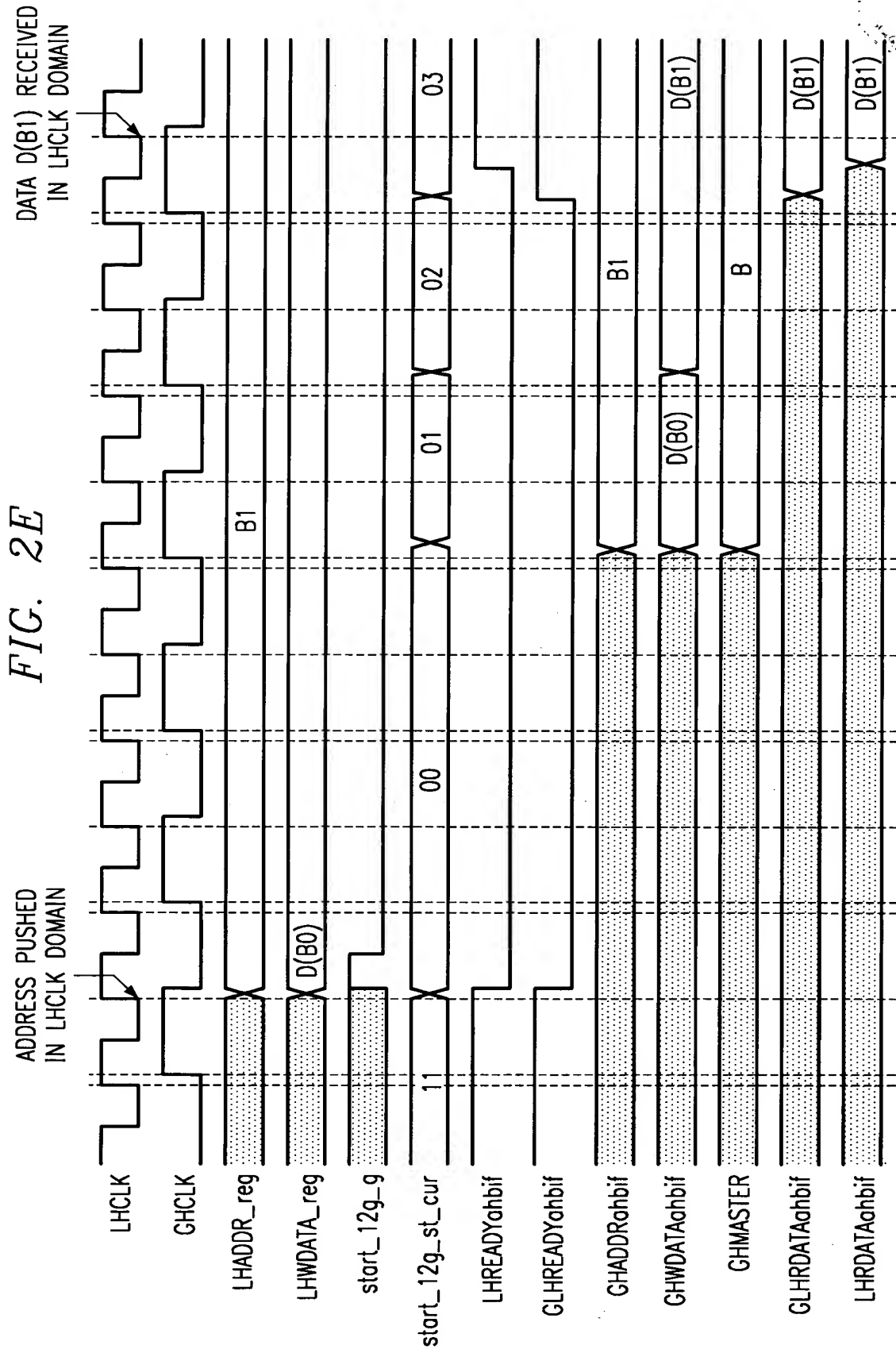


FIG. 4A

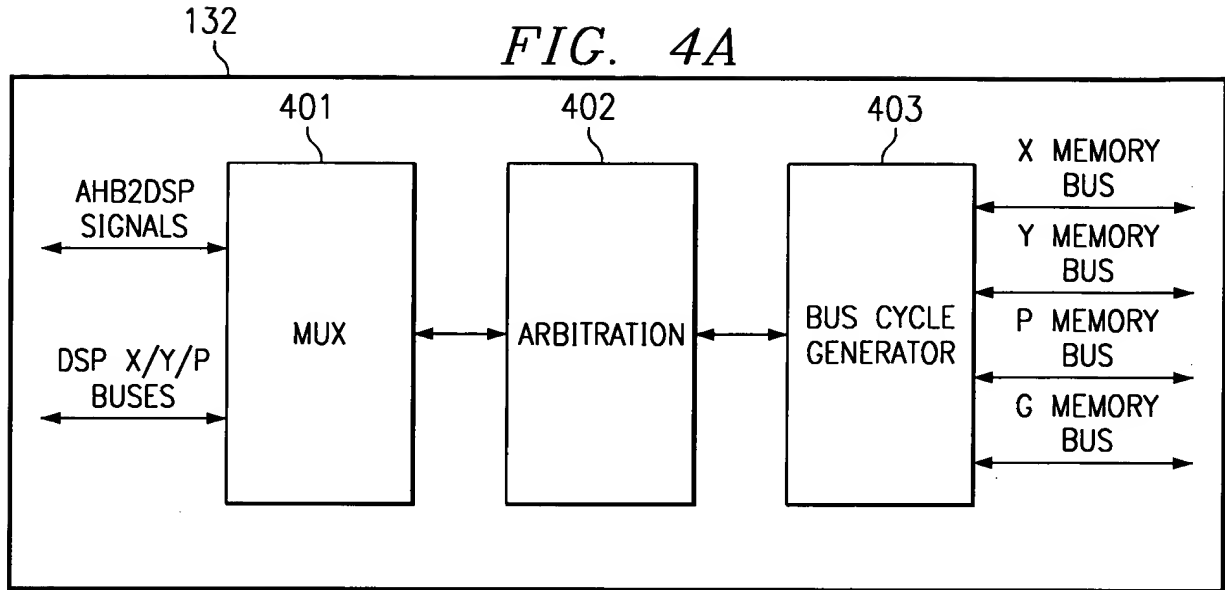
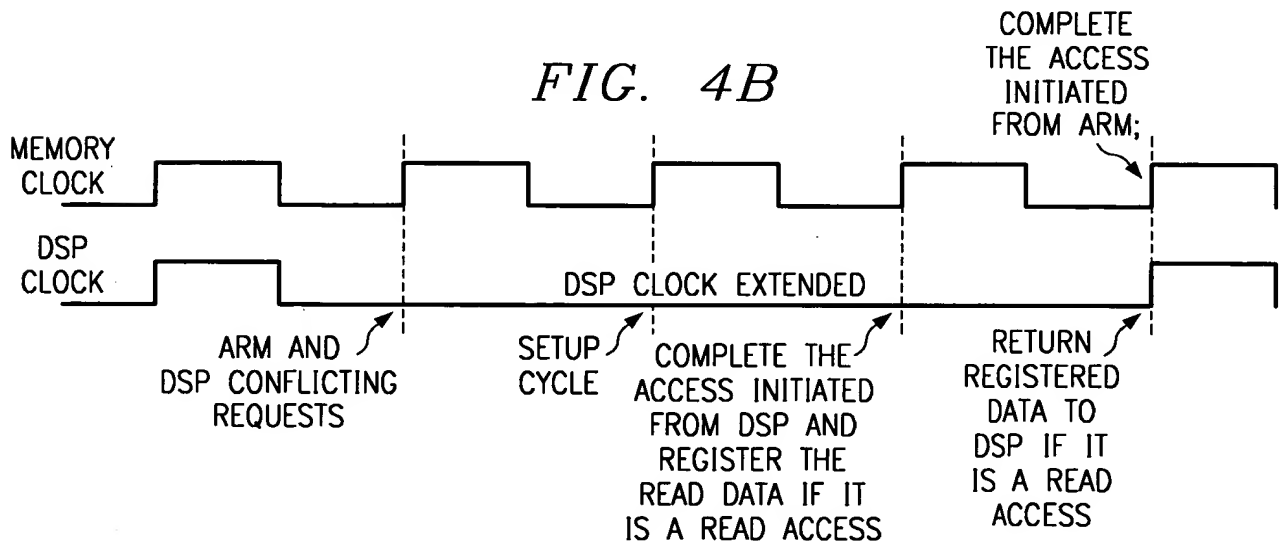
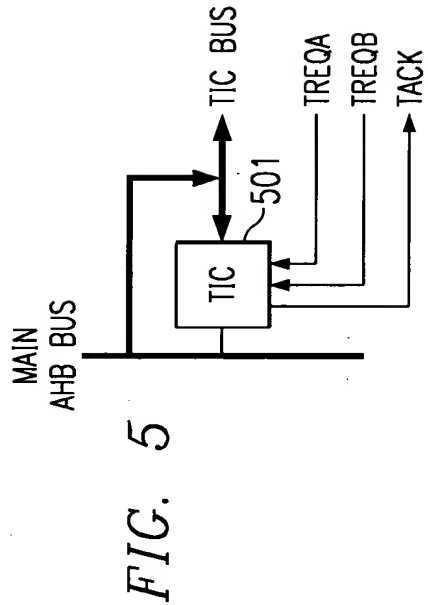
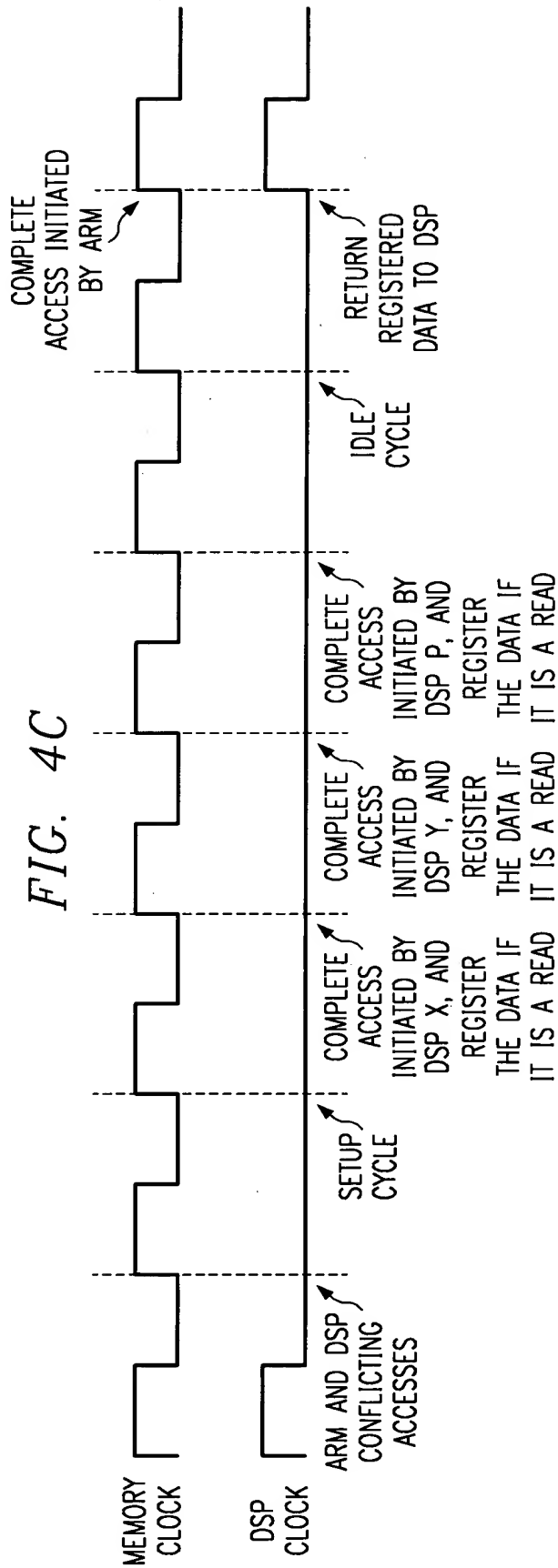


FIG. 4B







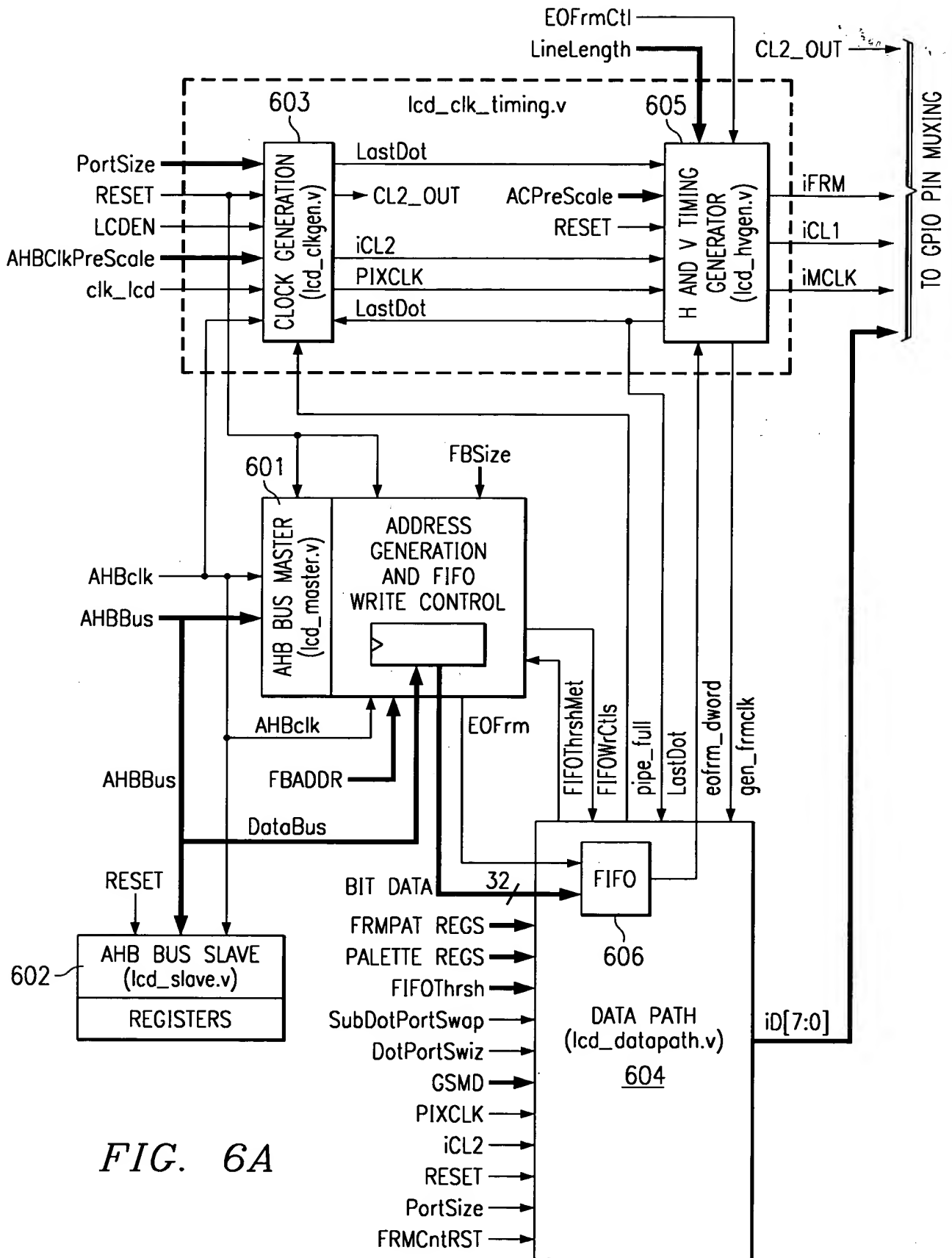


FIG. 6A

FIG. 6B

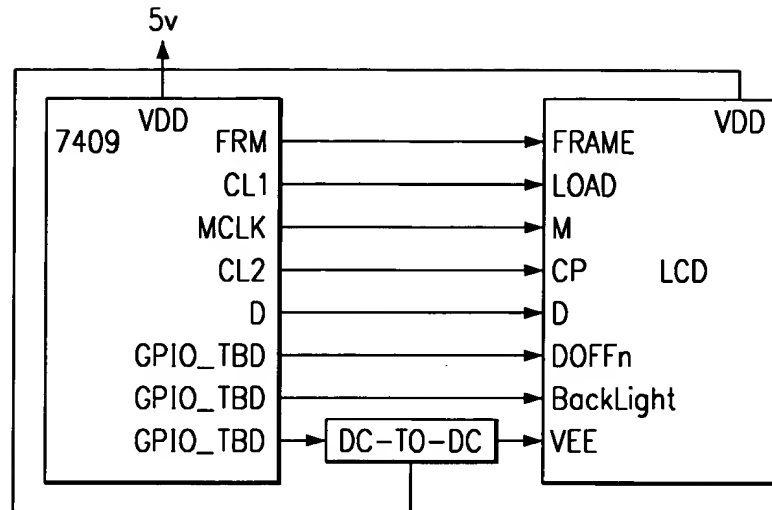


FIG. 6C

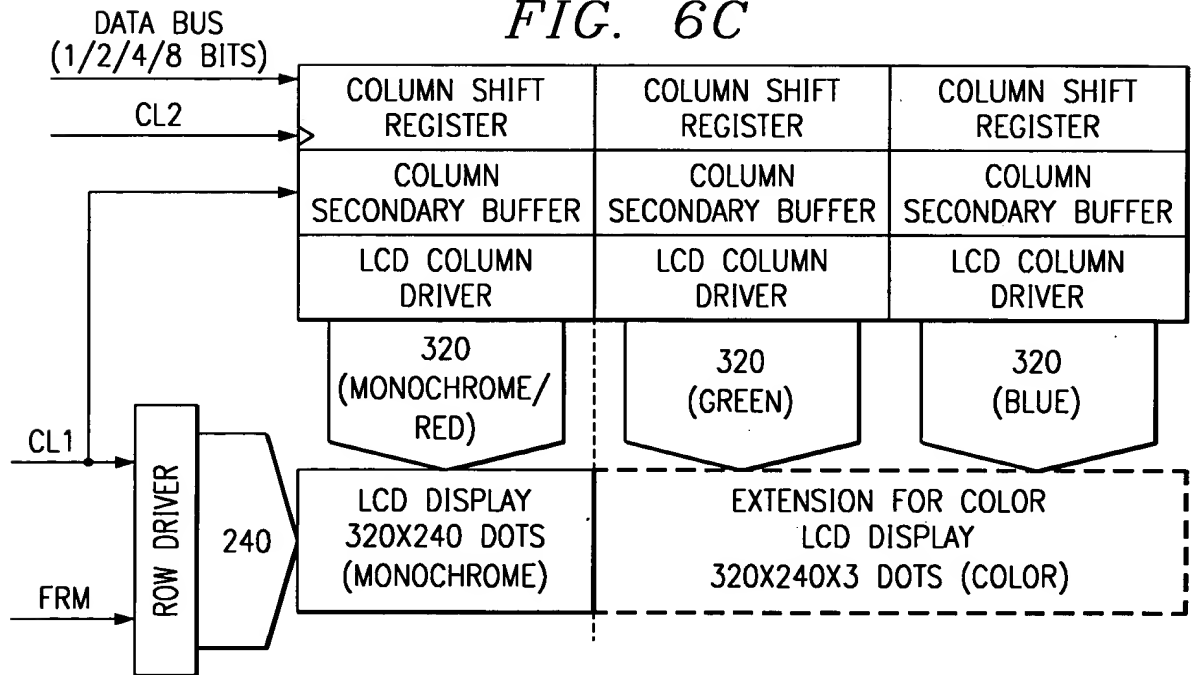


FIG. 6D

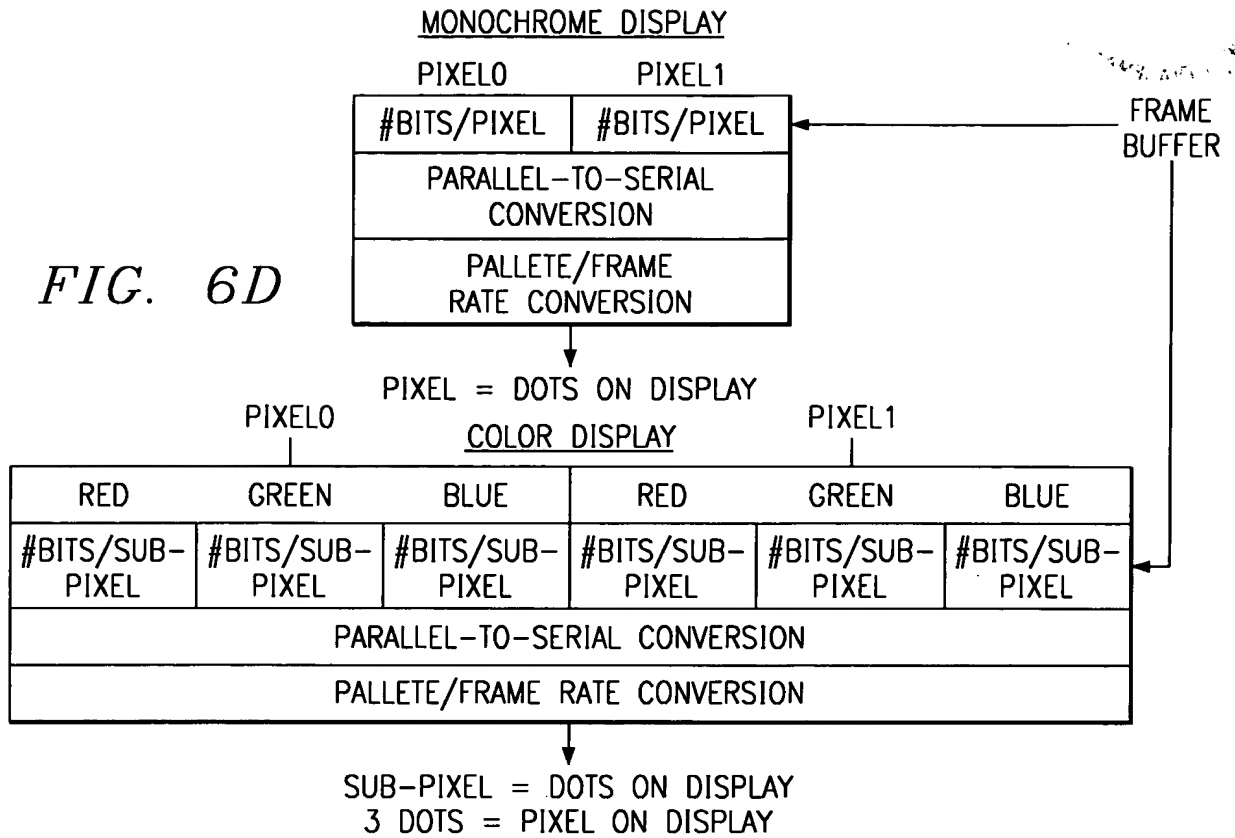
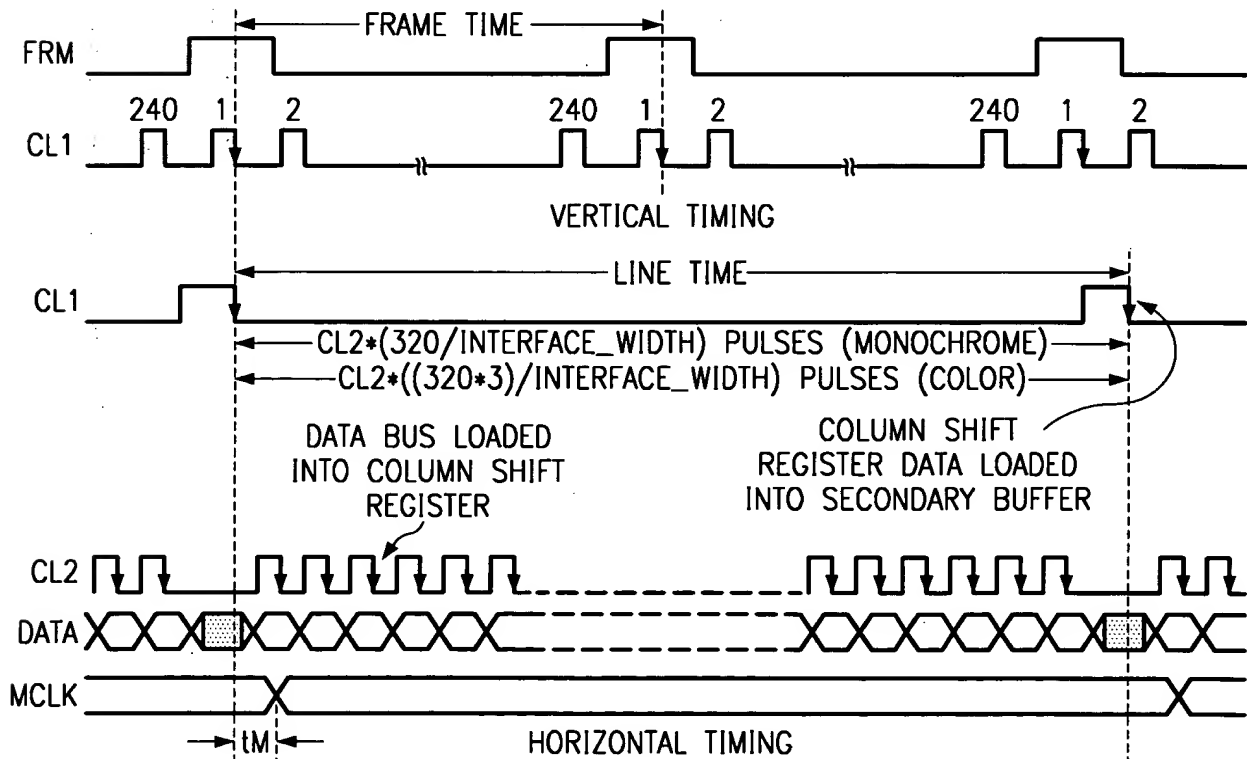
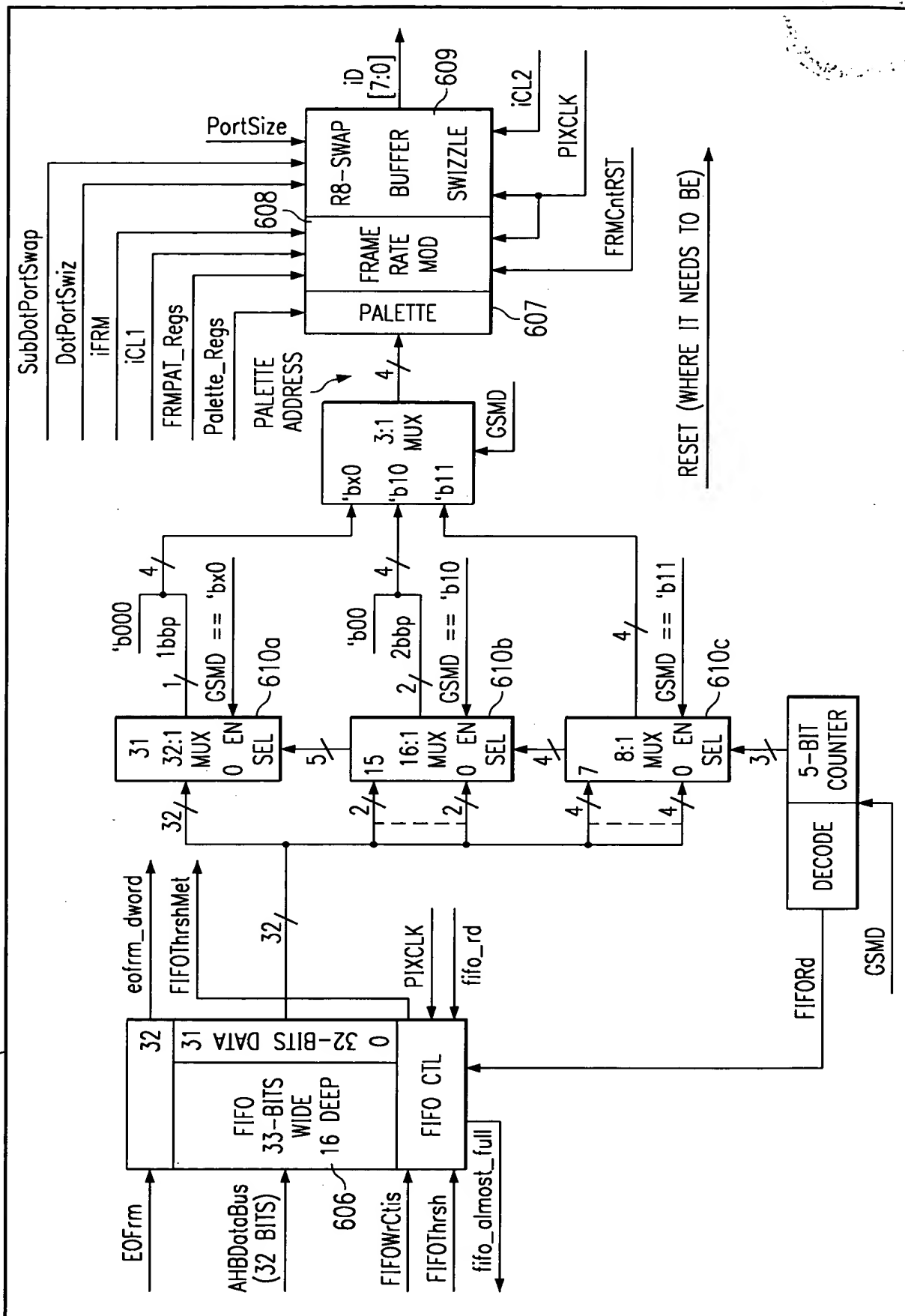


FIG. 6E



604

FIG. 6F



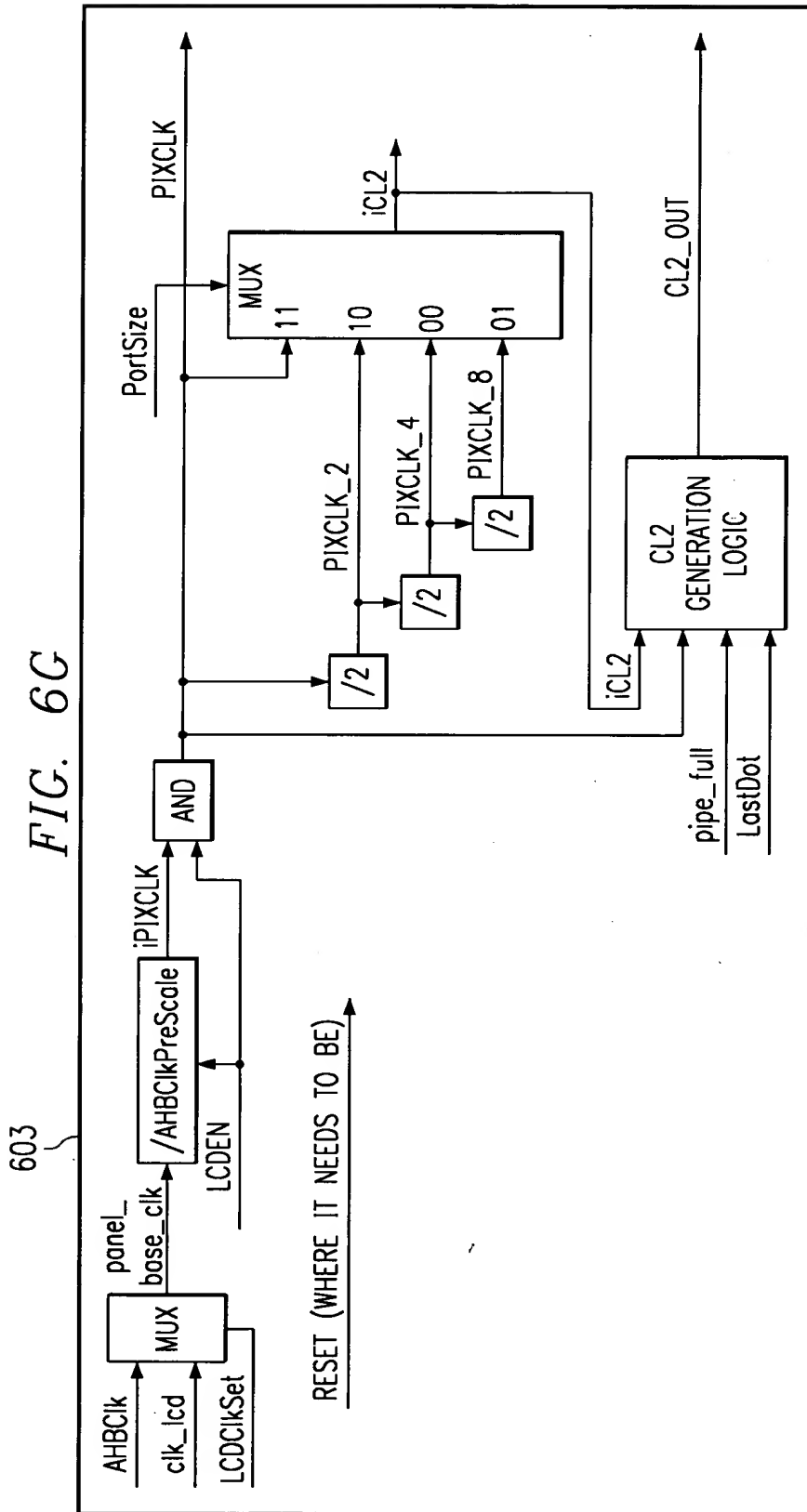


FIG. 6H

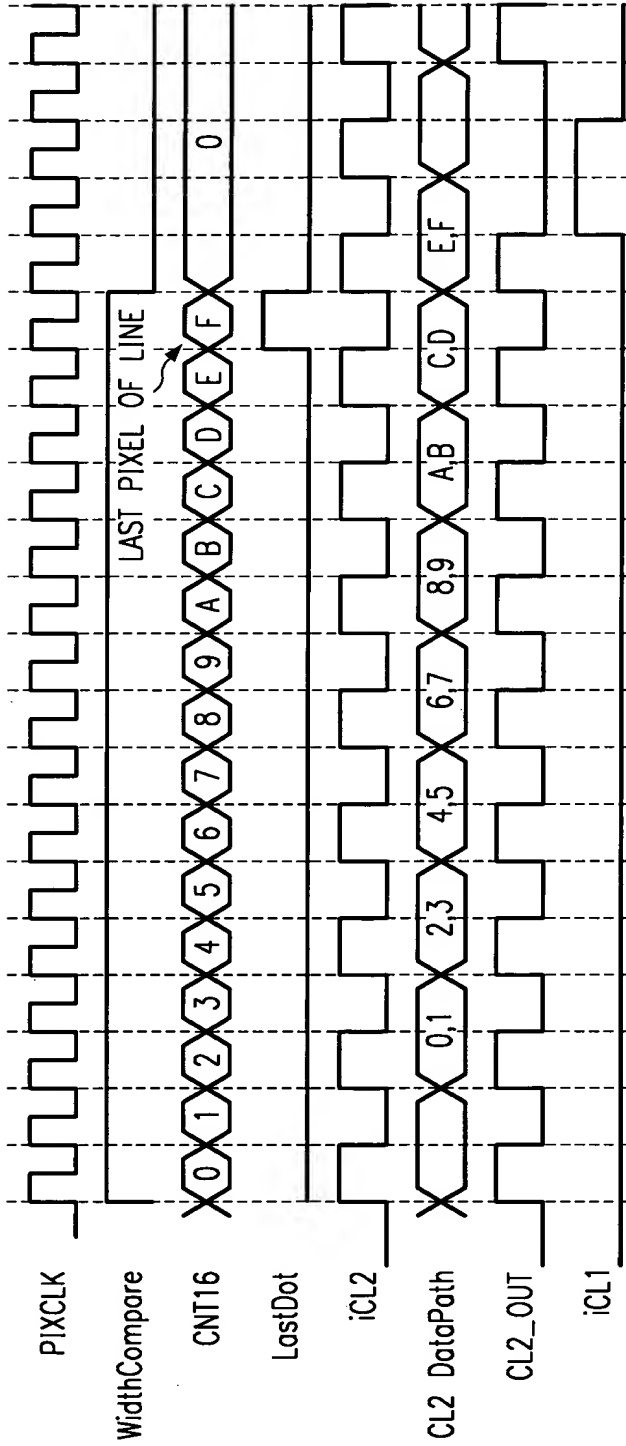


FIG. 6H

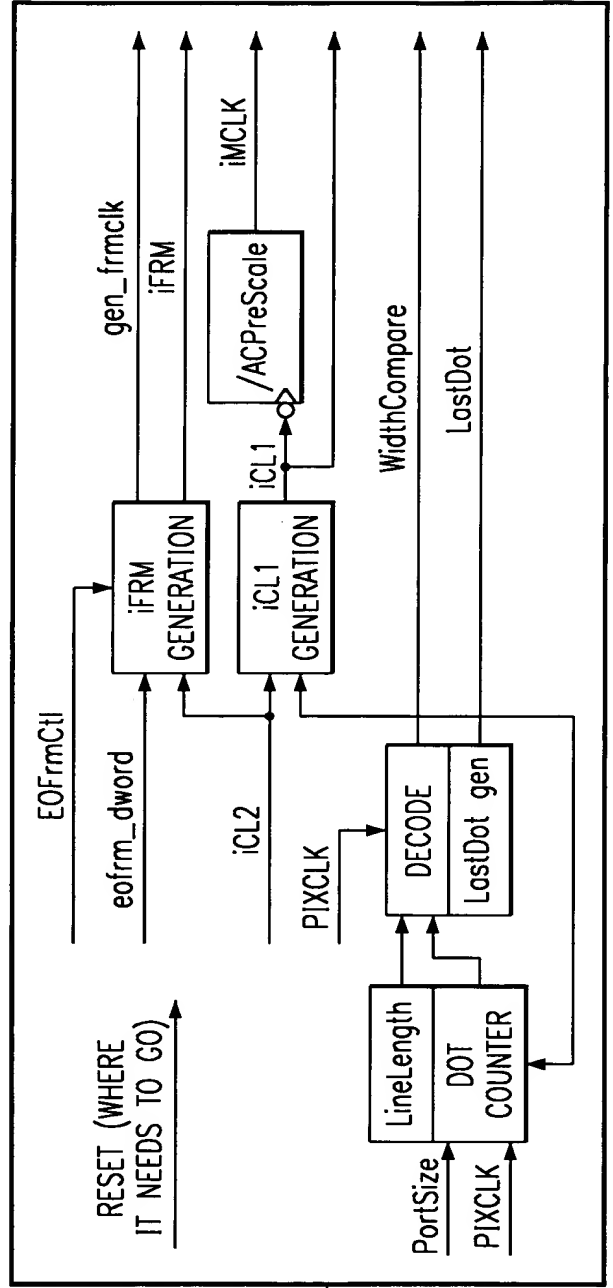


FIG. 6I

605

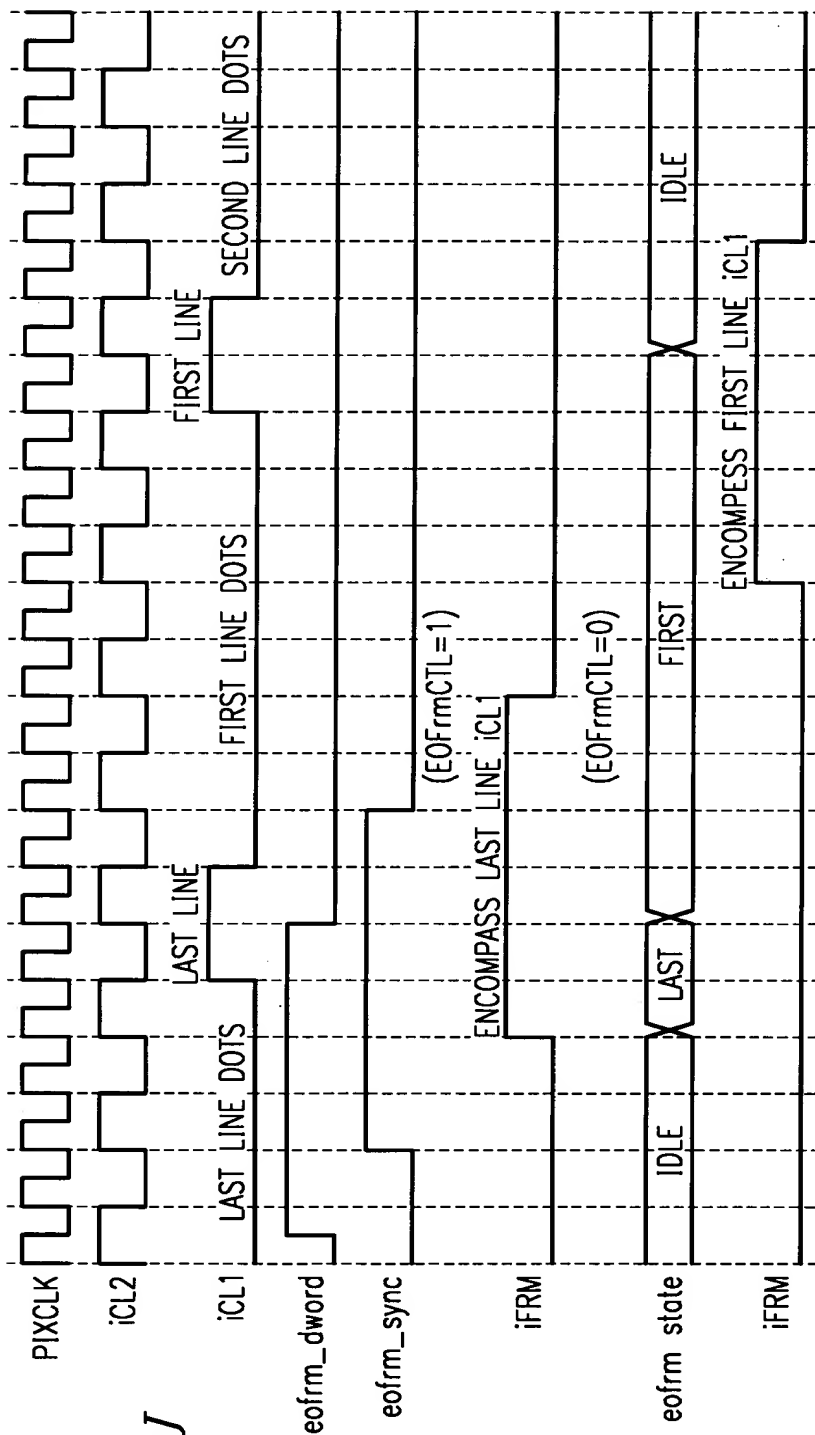


FIG. 17



FIG. 17

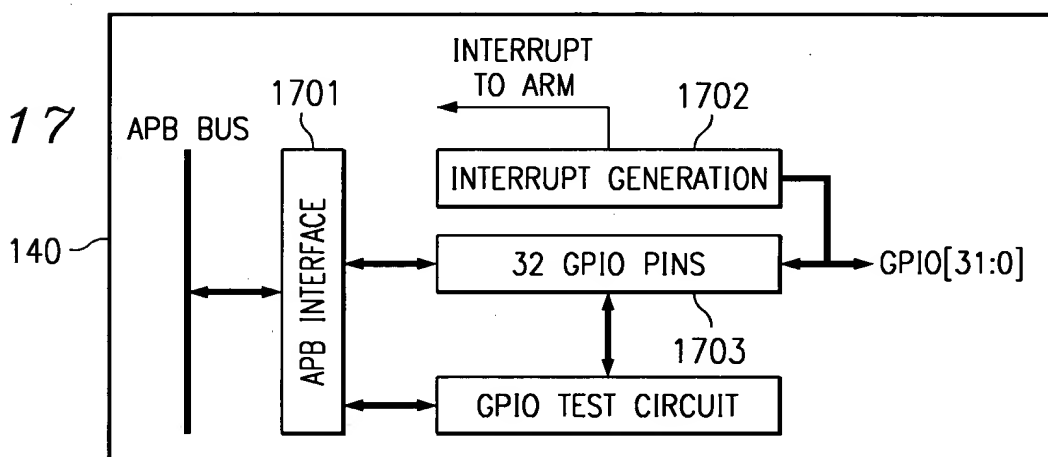


FIG. 18

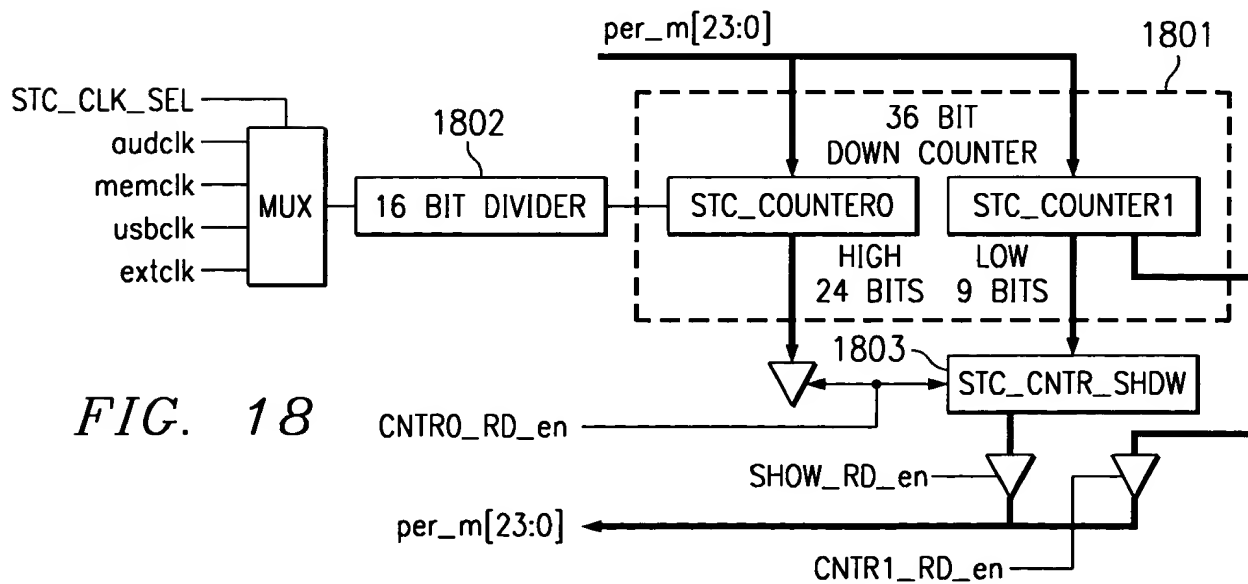
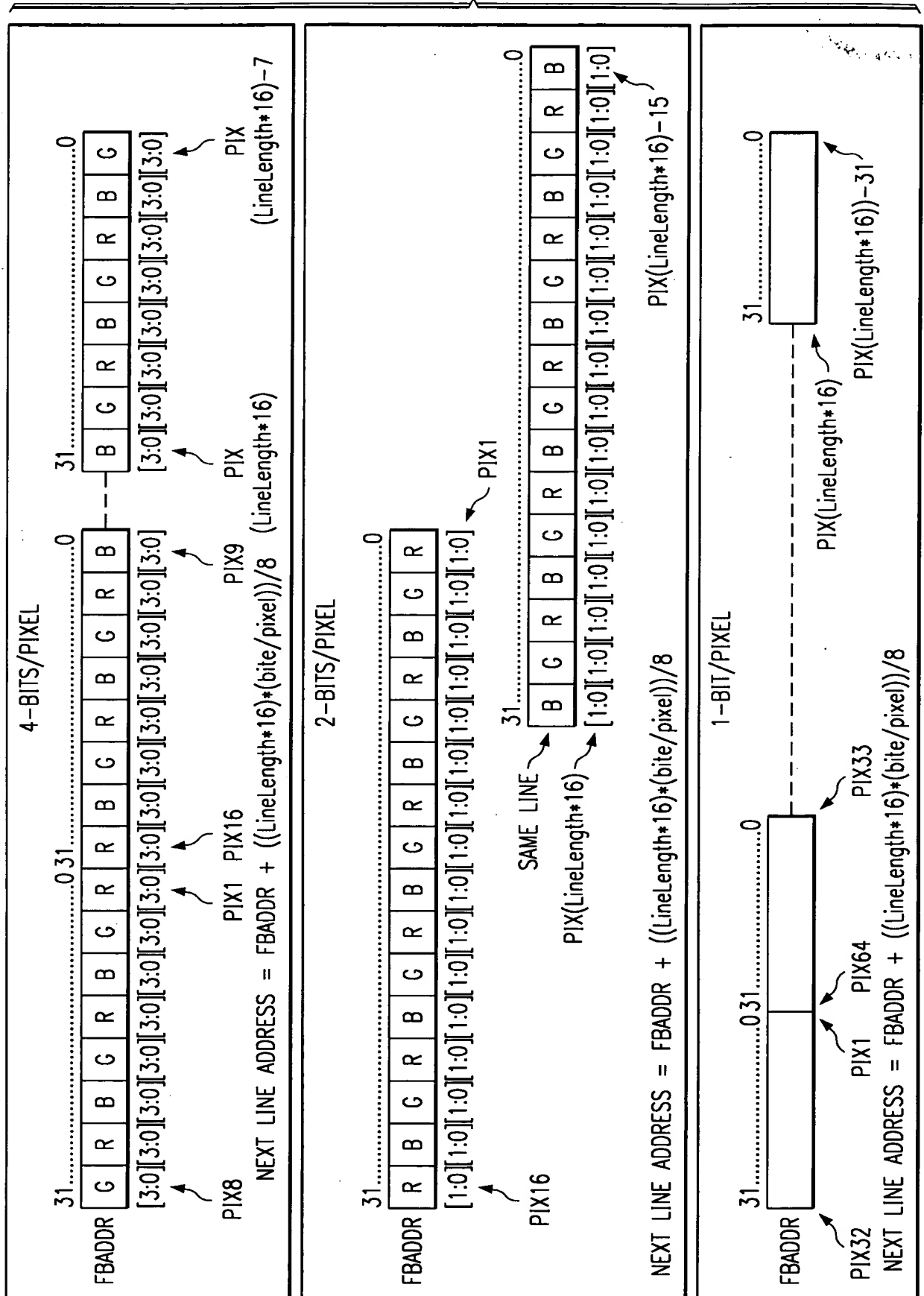
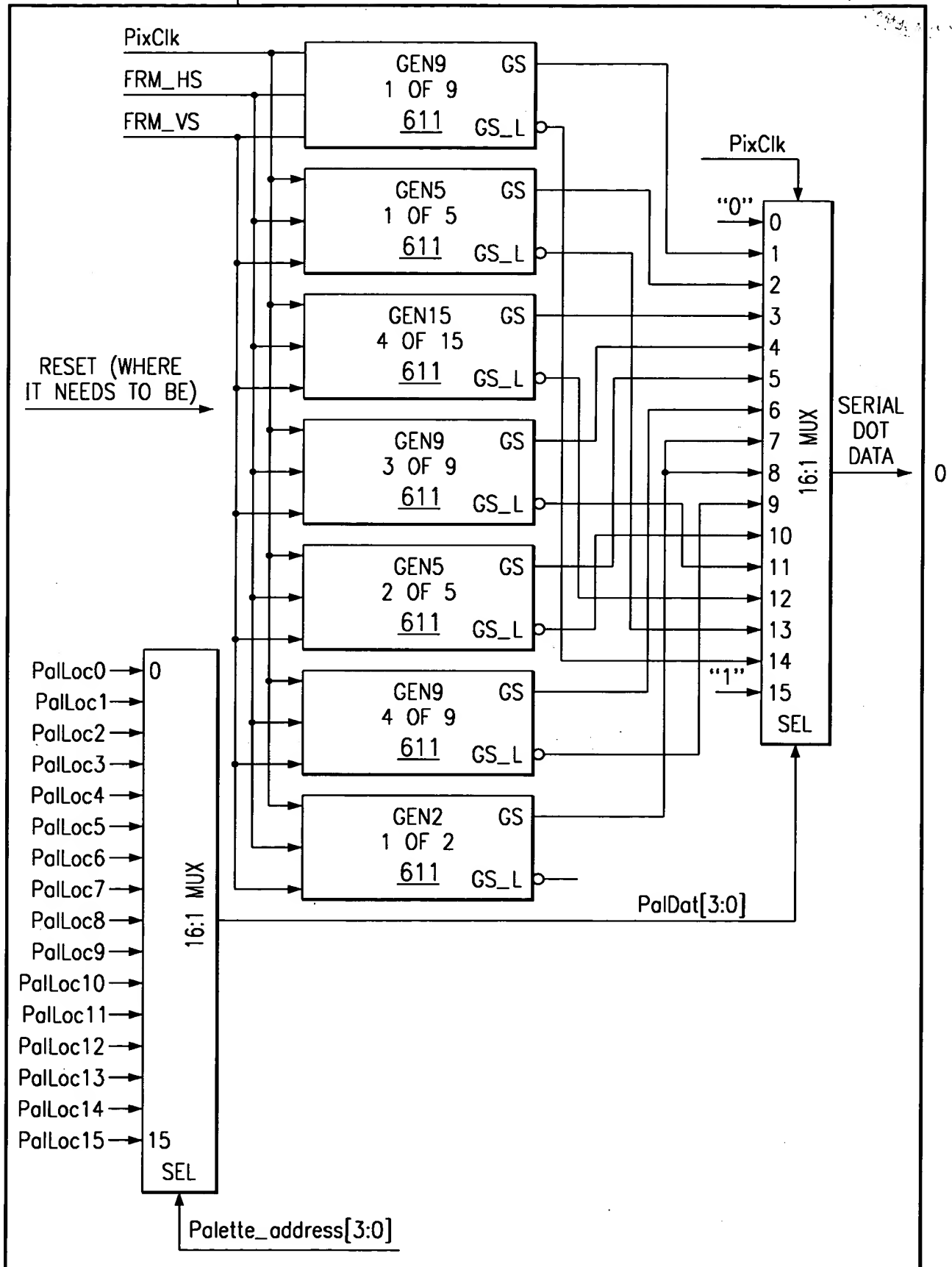




FIG. 6L

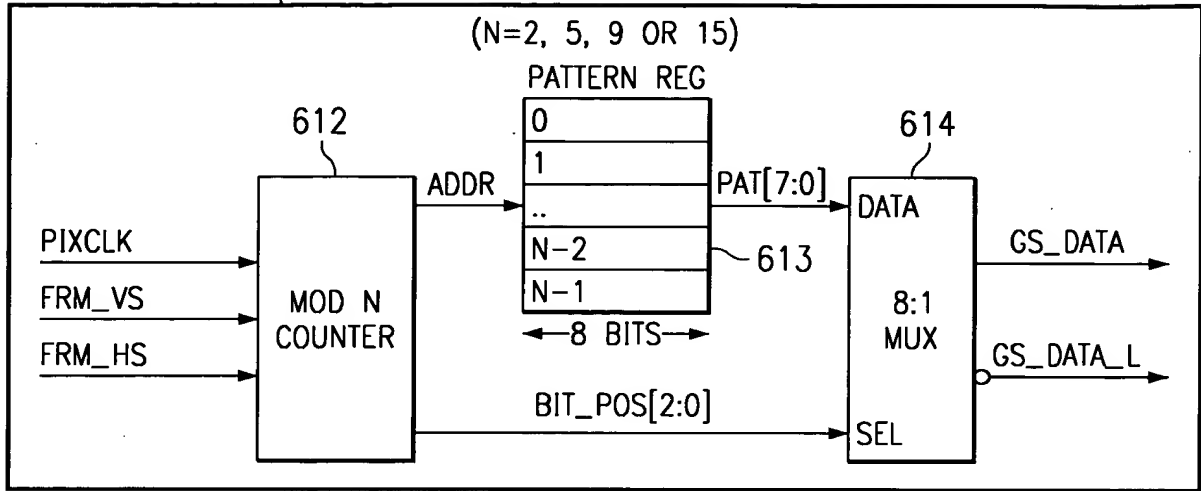


609



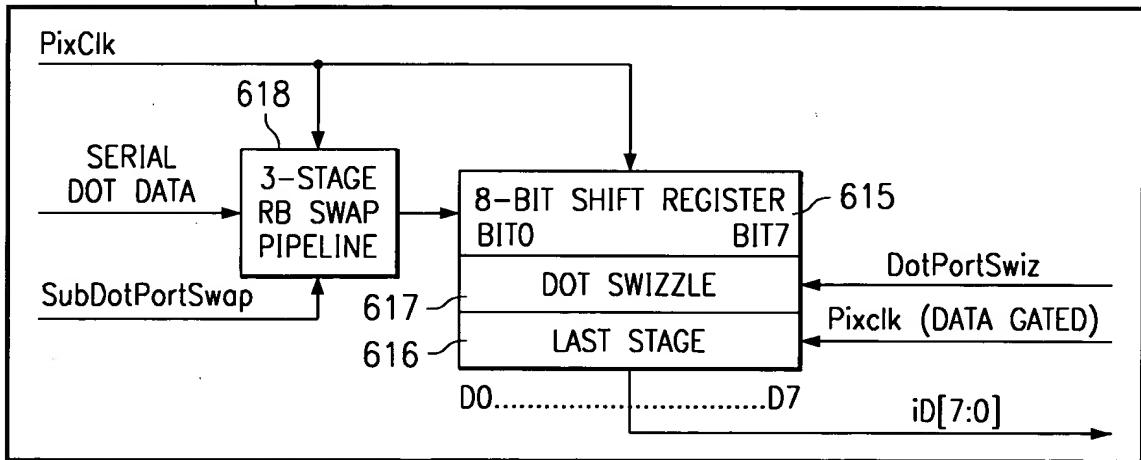
611

FIG. 6N



609

FIG. 6O



TIME (FROM THE SHIFT REGISTER POINT OF VIEW)

FIG. 6P

SubDotPortSwap=0

{BnGnRn}.....{B3G3R3}{B2G2R2}{B1G1R1}{B0G0R0}

SubDotPortSwap=1

FIG. 6P

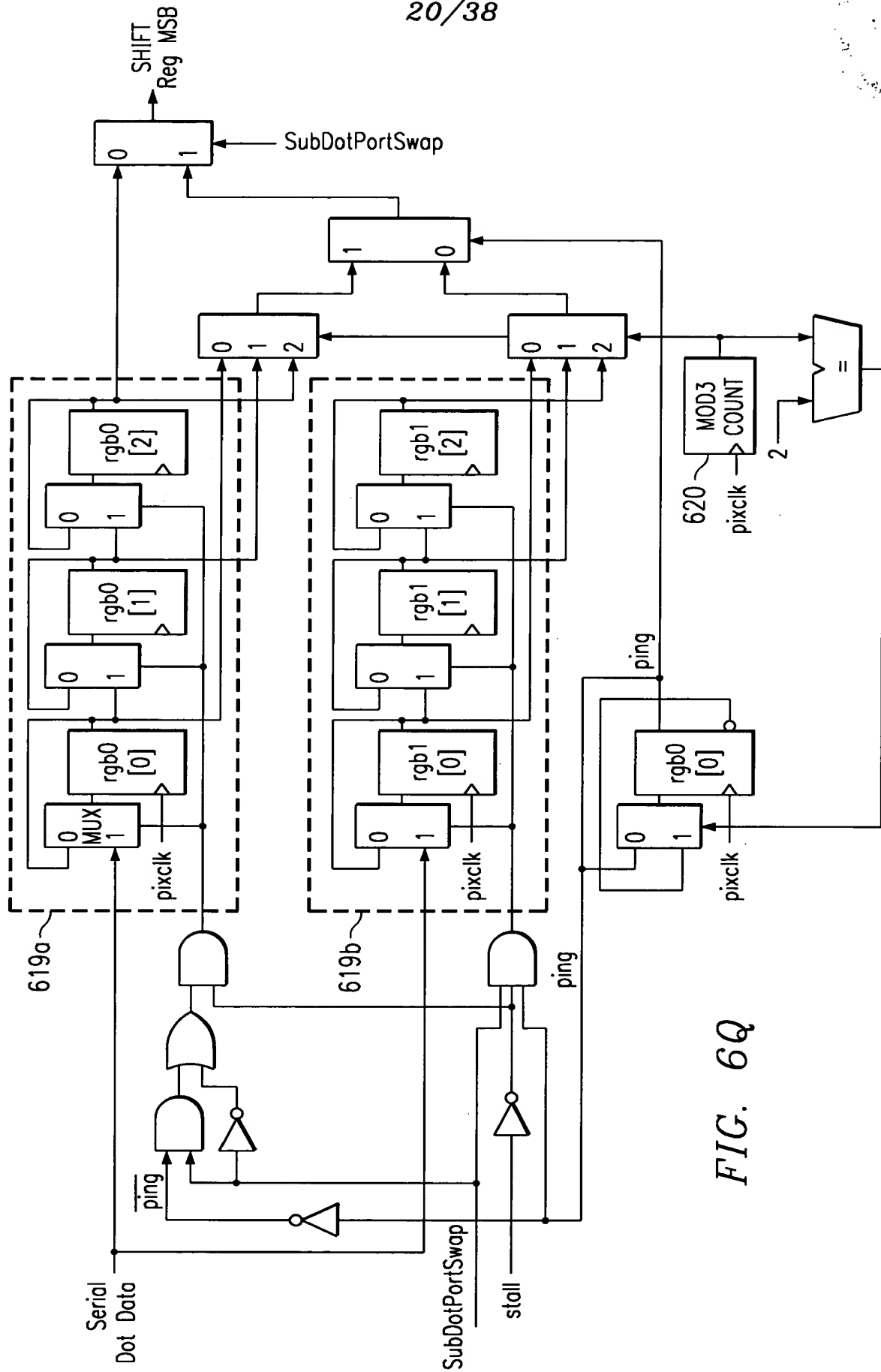


FIG. 6Q

FIG. 6R

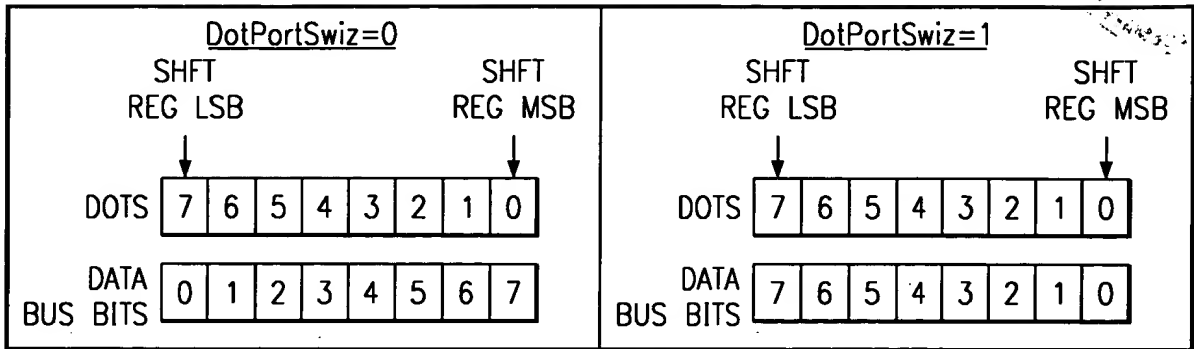


FIG. 6S

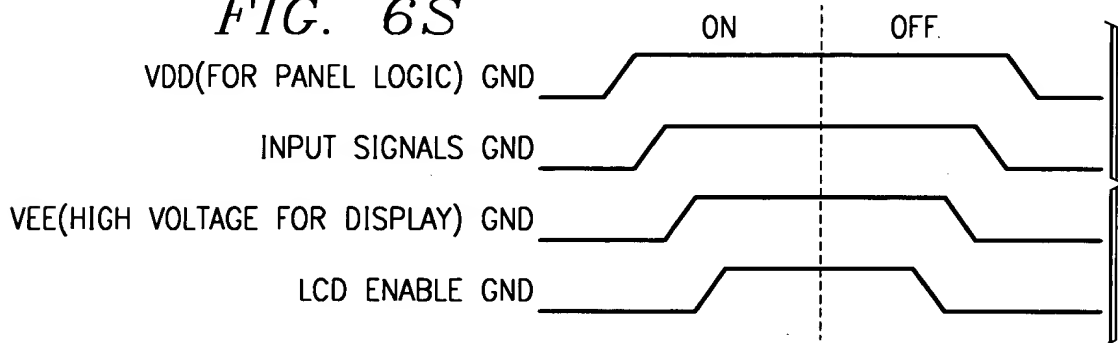


FIG. 7A

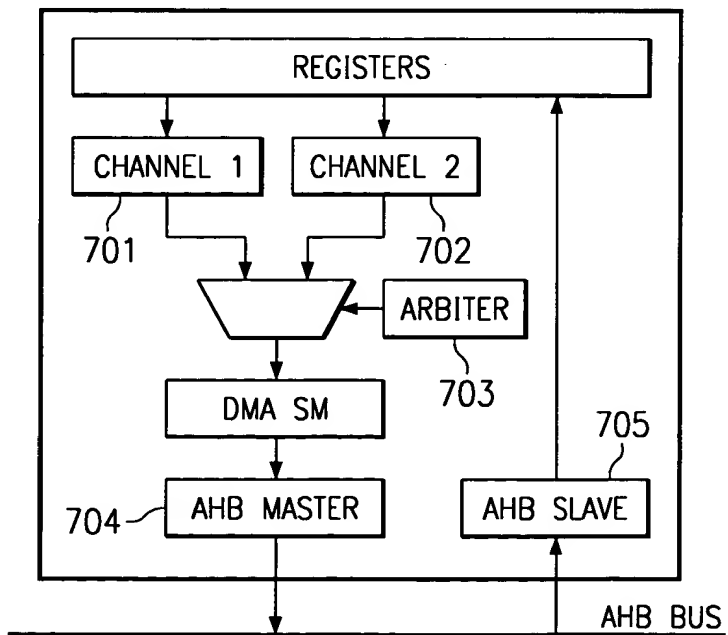


FIG. 7B

22/38

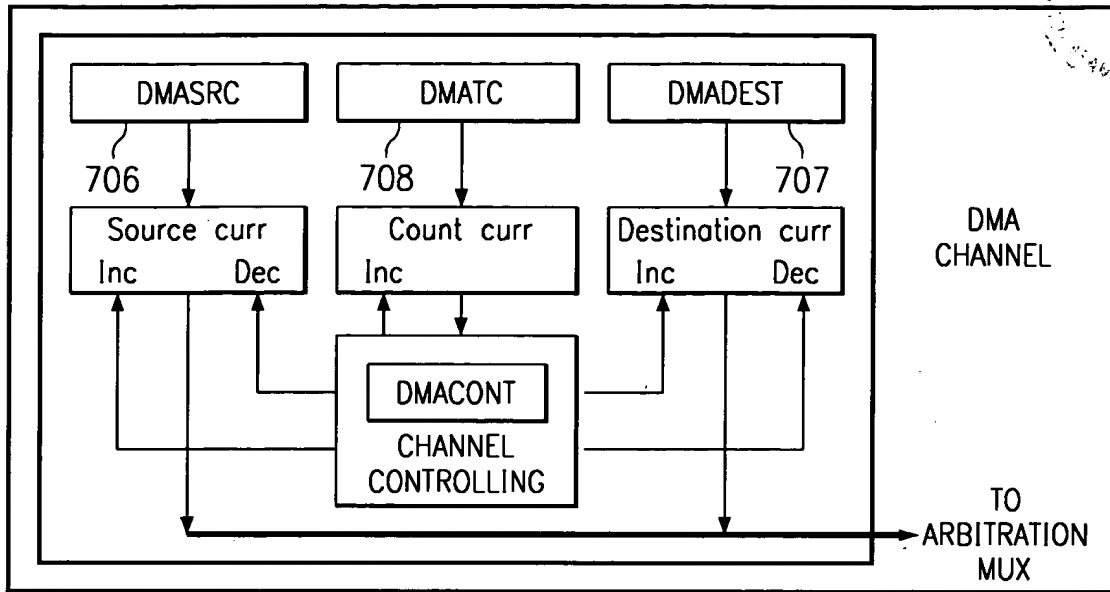


FIG. 8

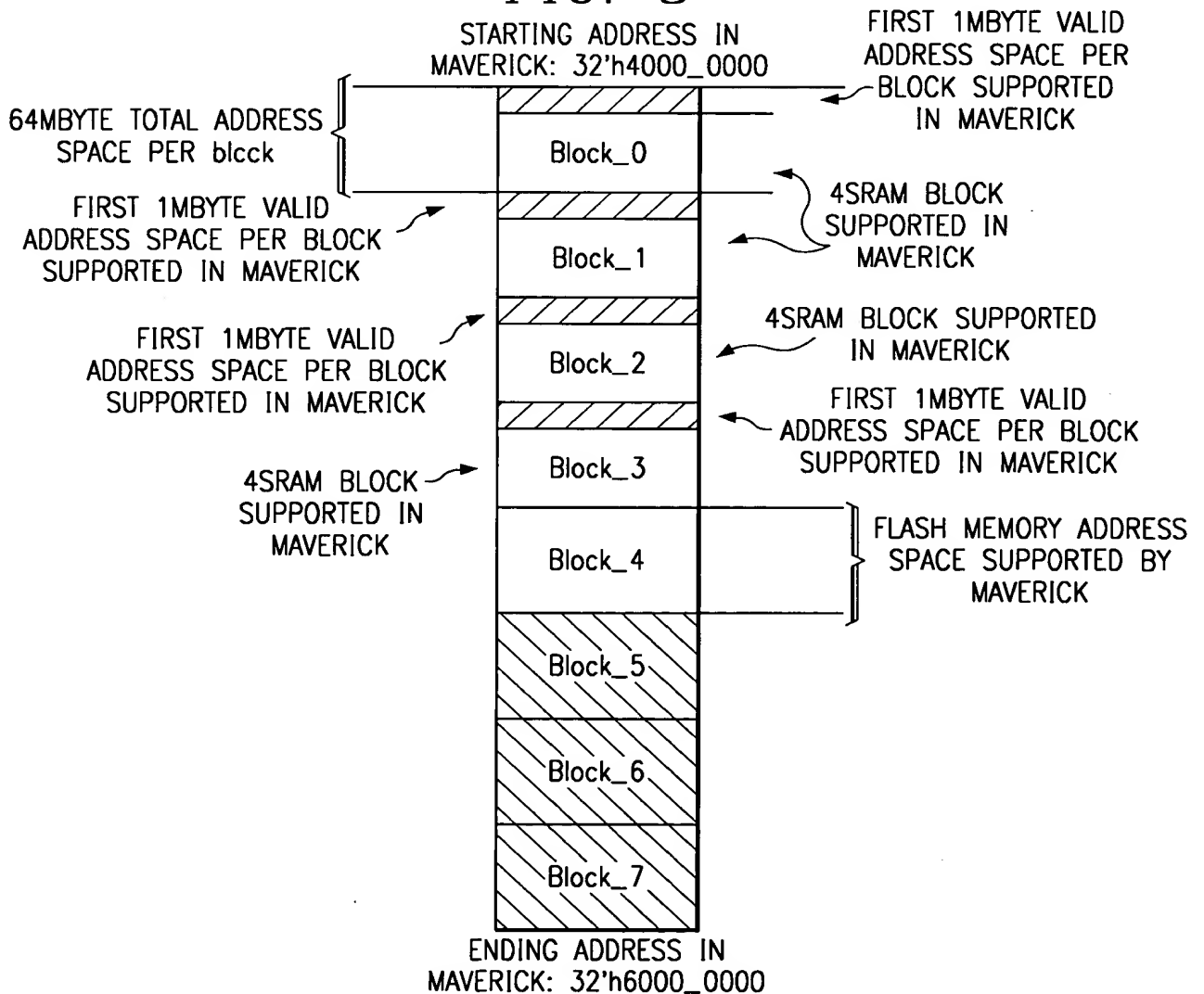


FIG. 9

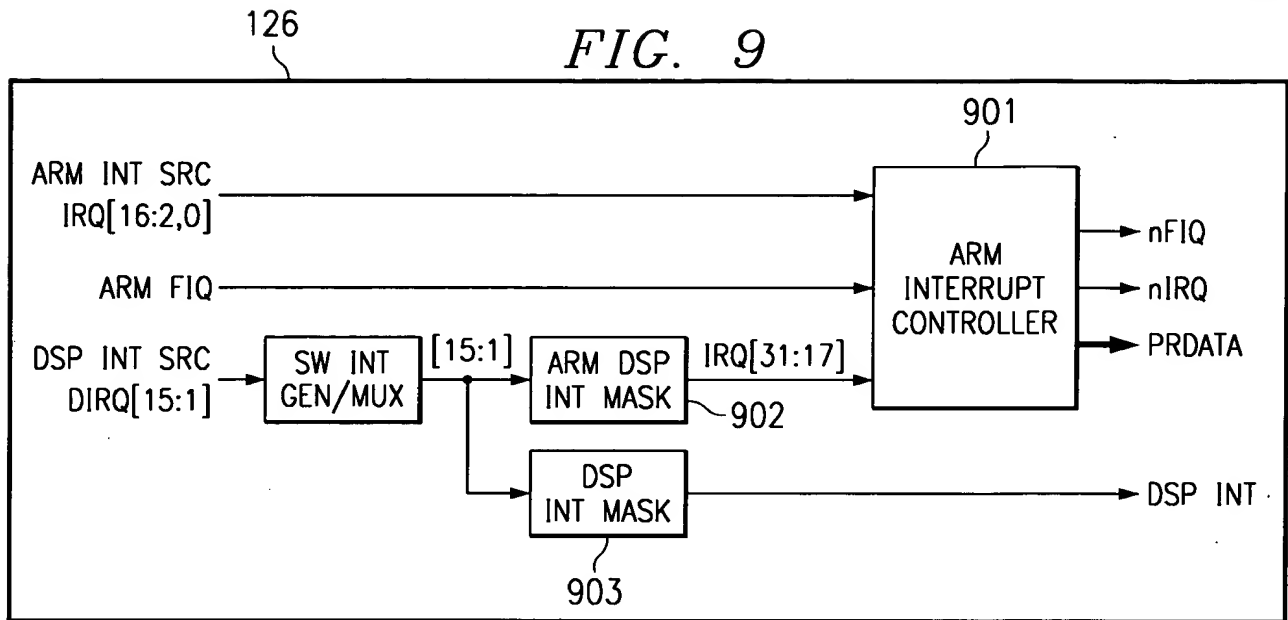
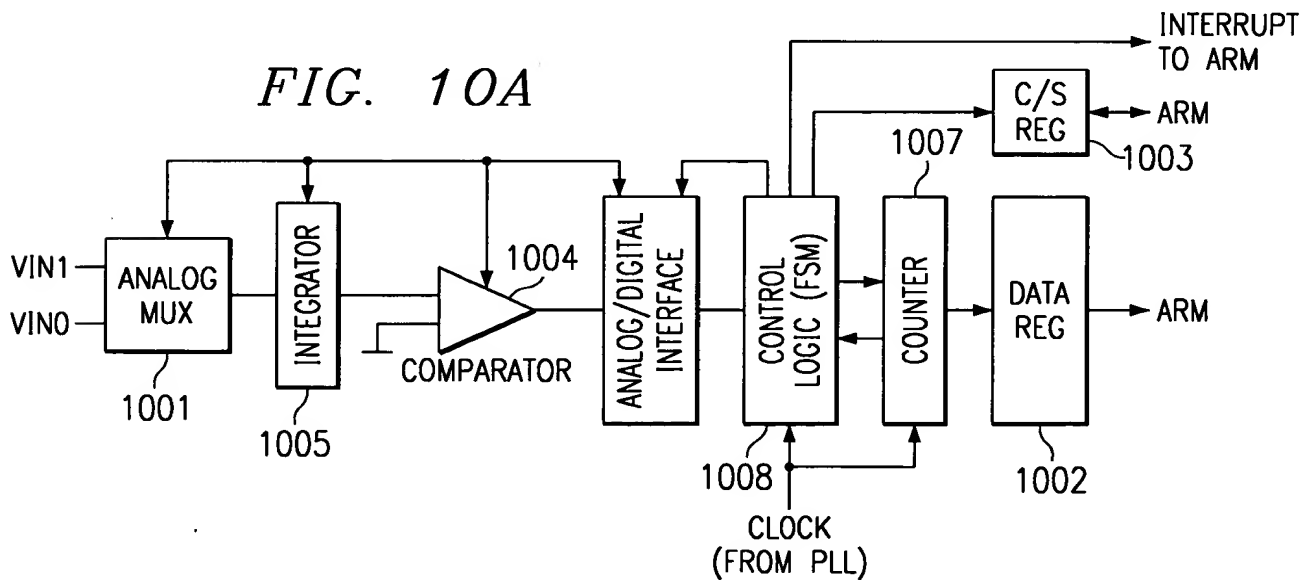


FIG. 10A



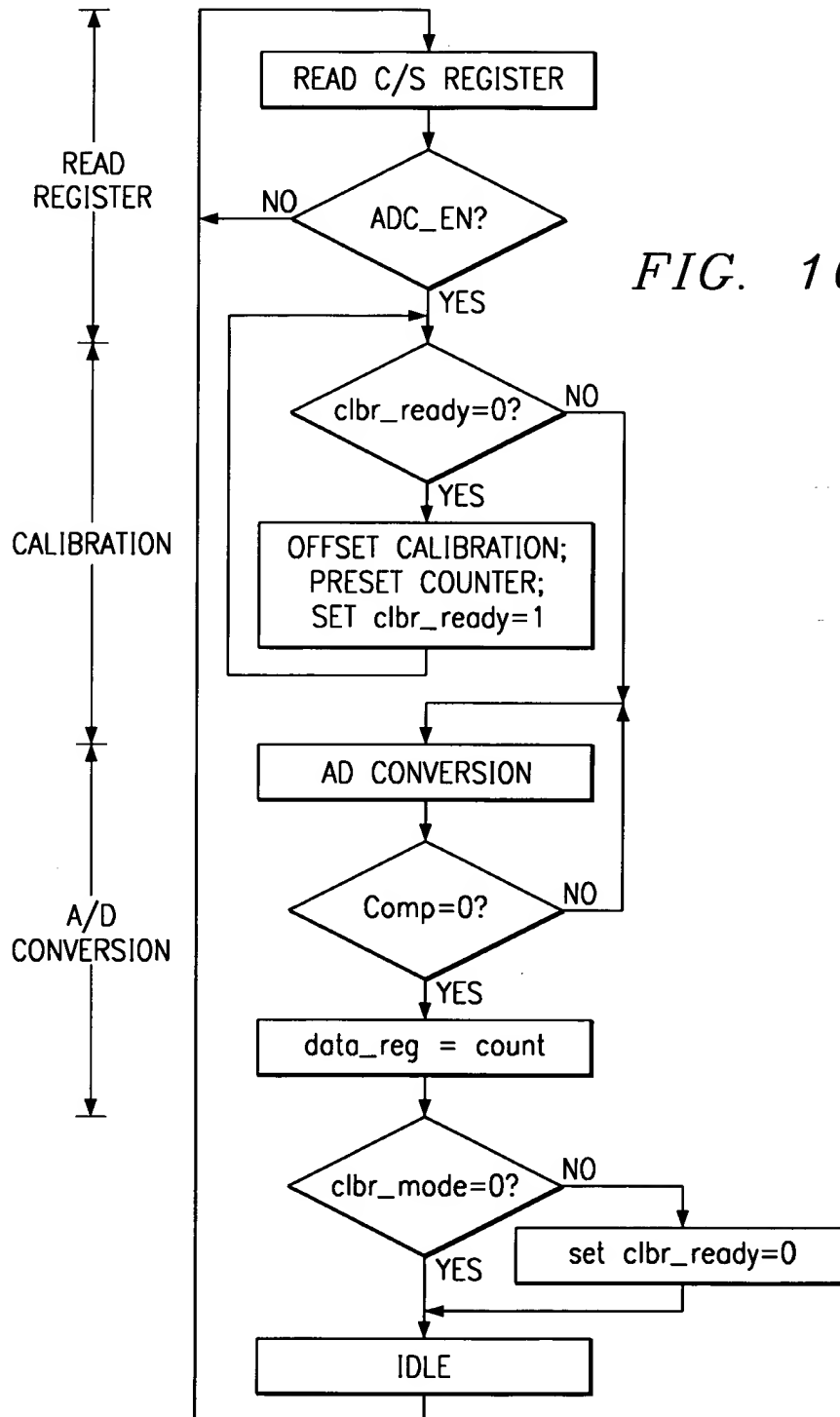




FIG. 11A

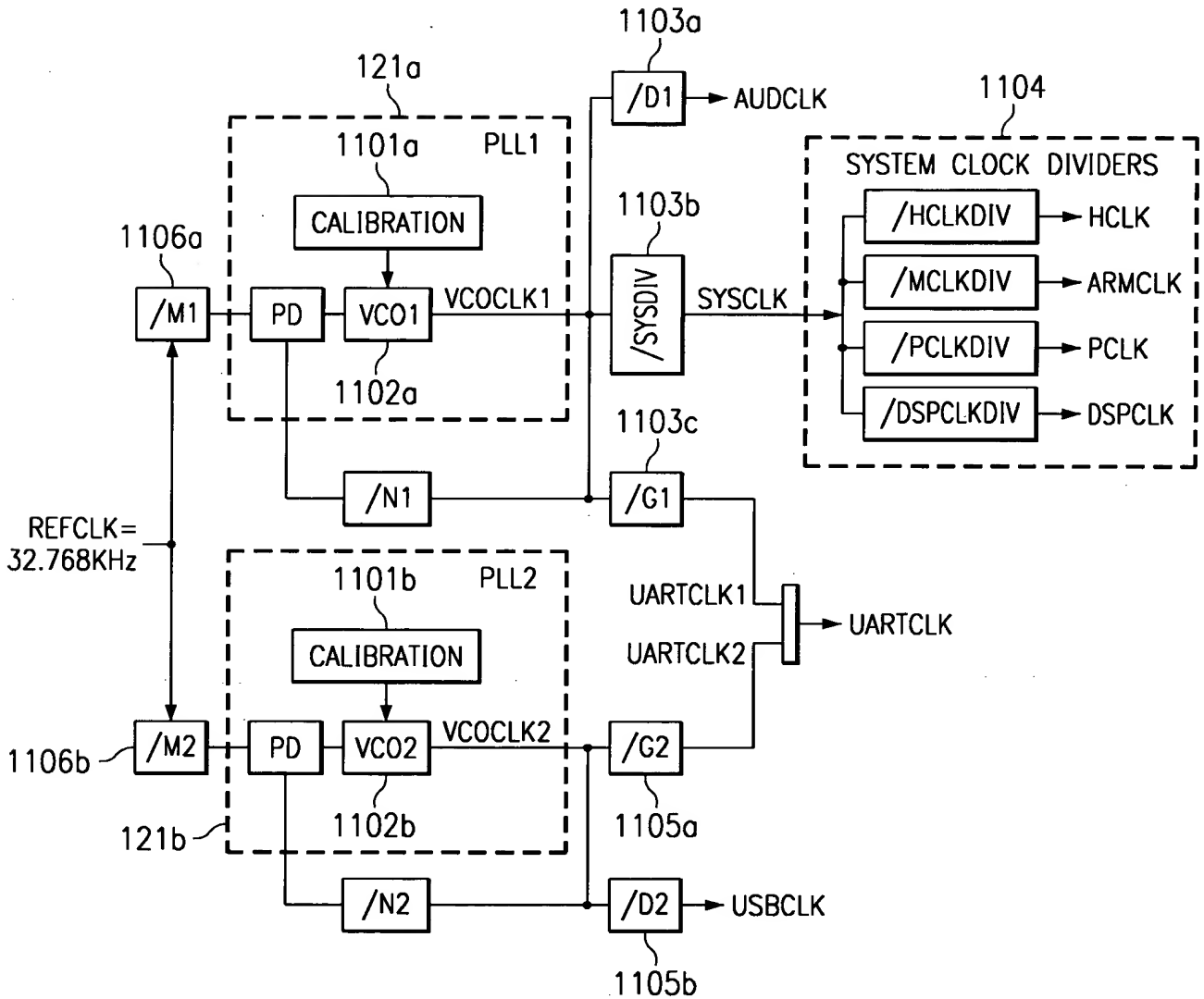


FIG. 11B

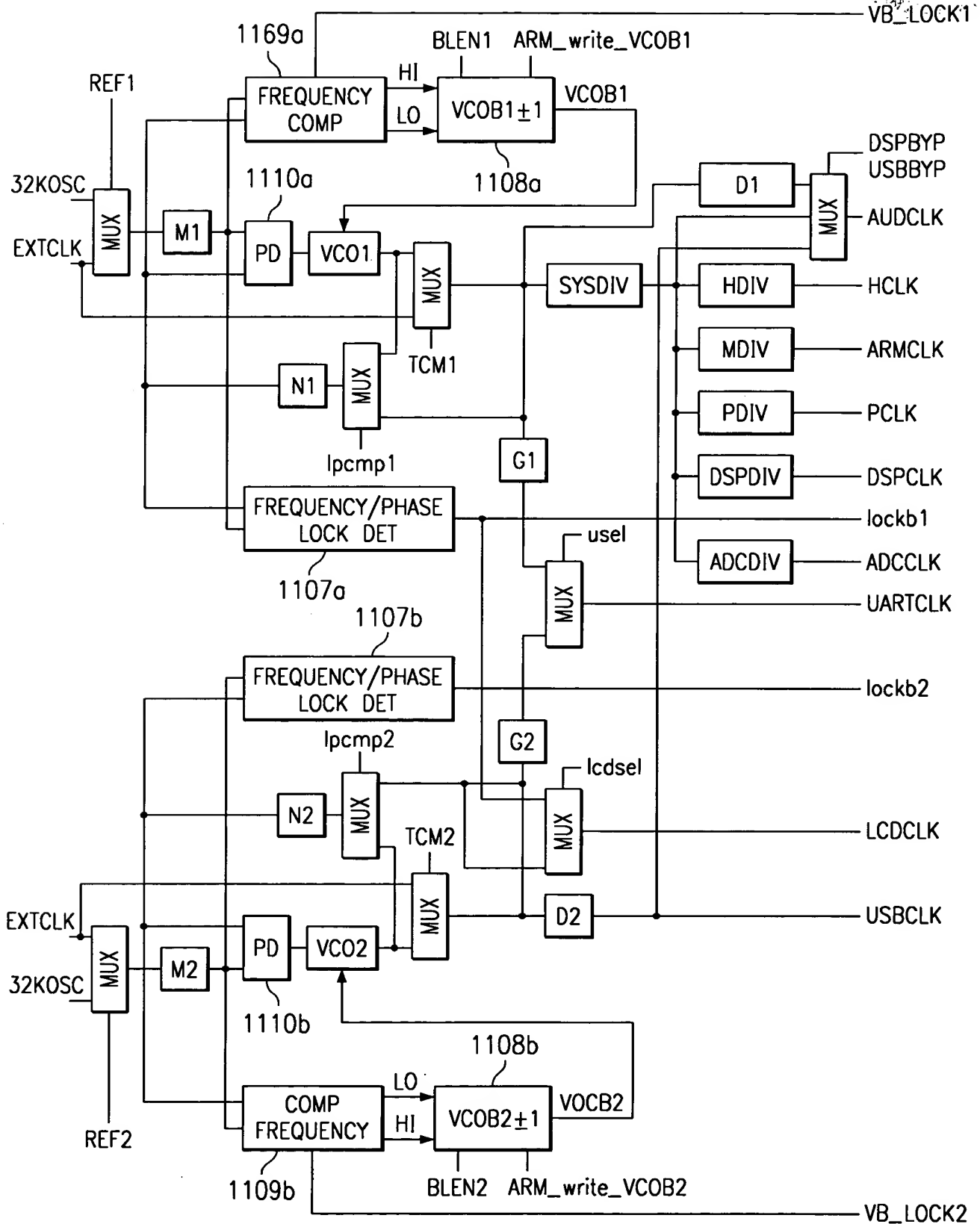


FIG. 11C

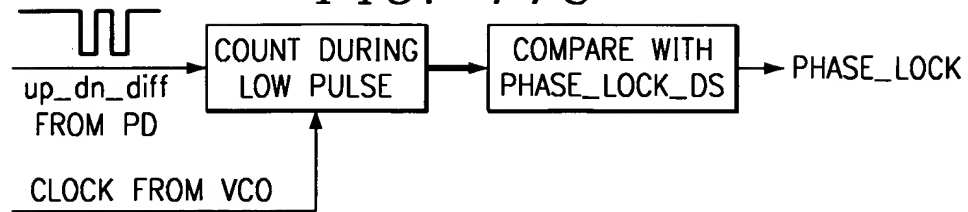


FIG. 11D

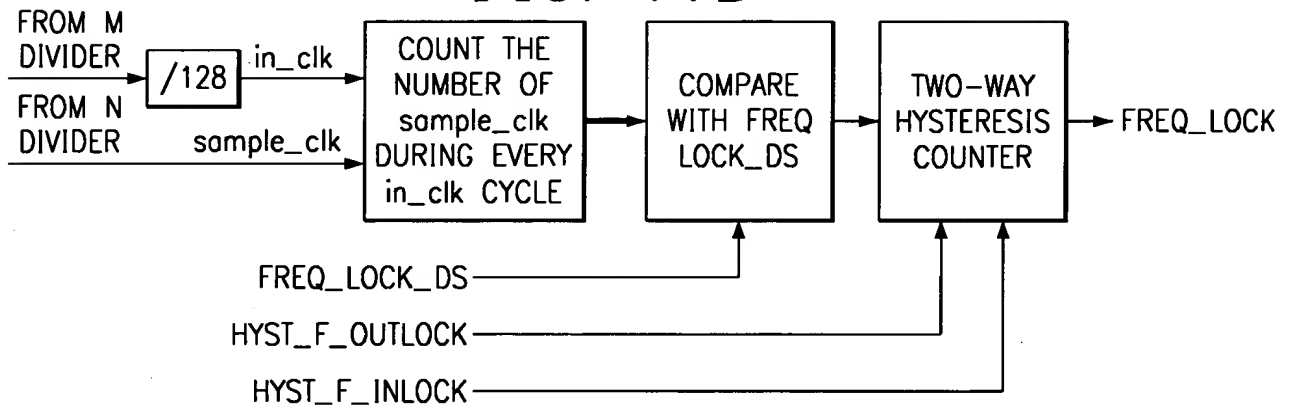


FIG. 12A

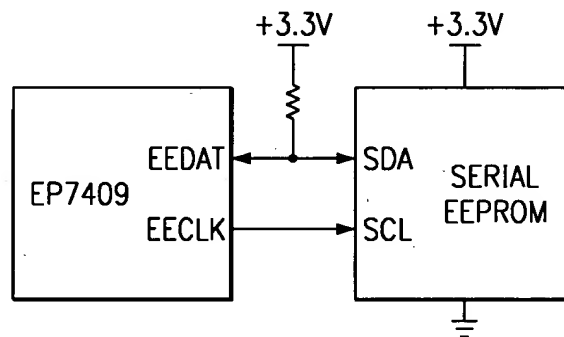
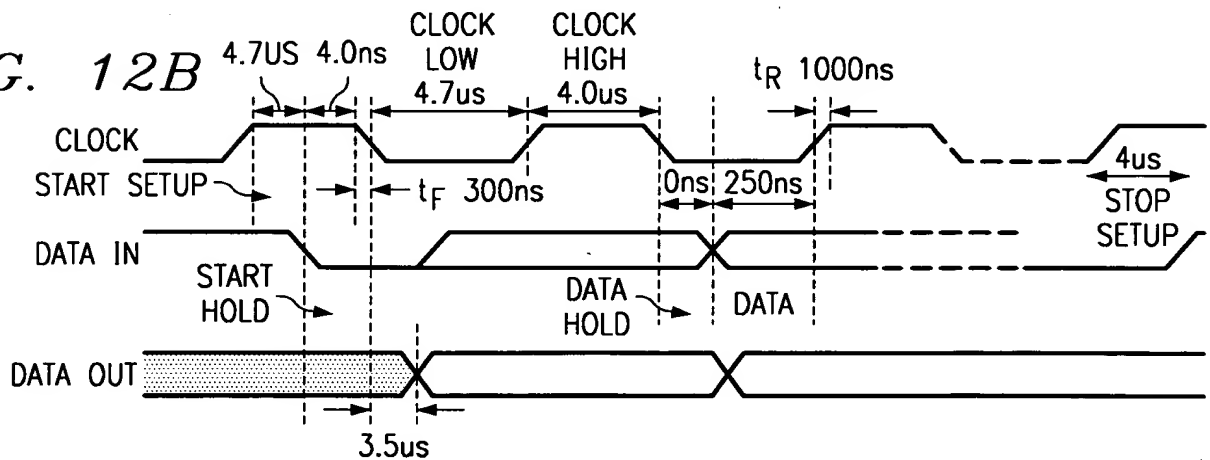


FIG. 12B



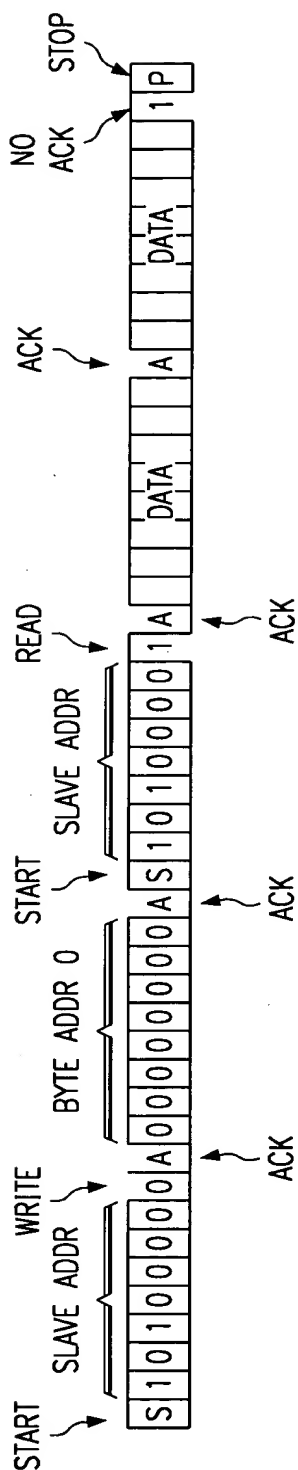
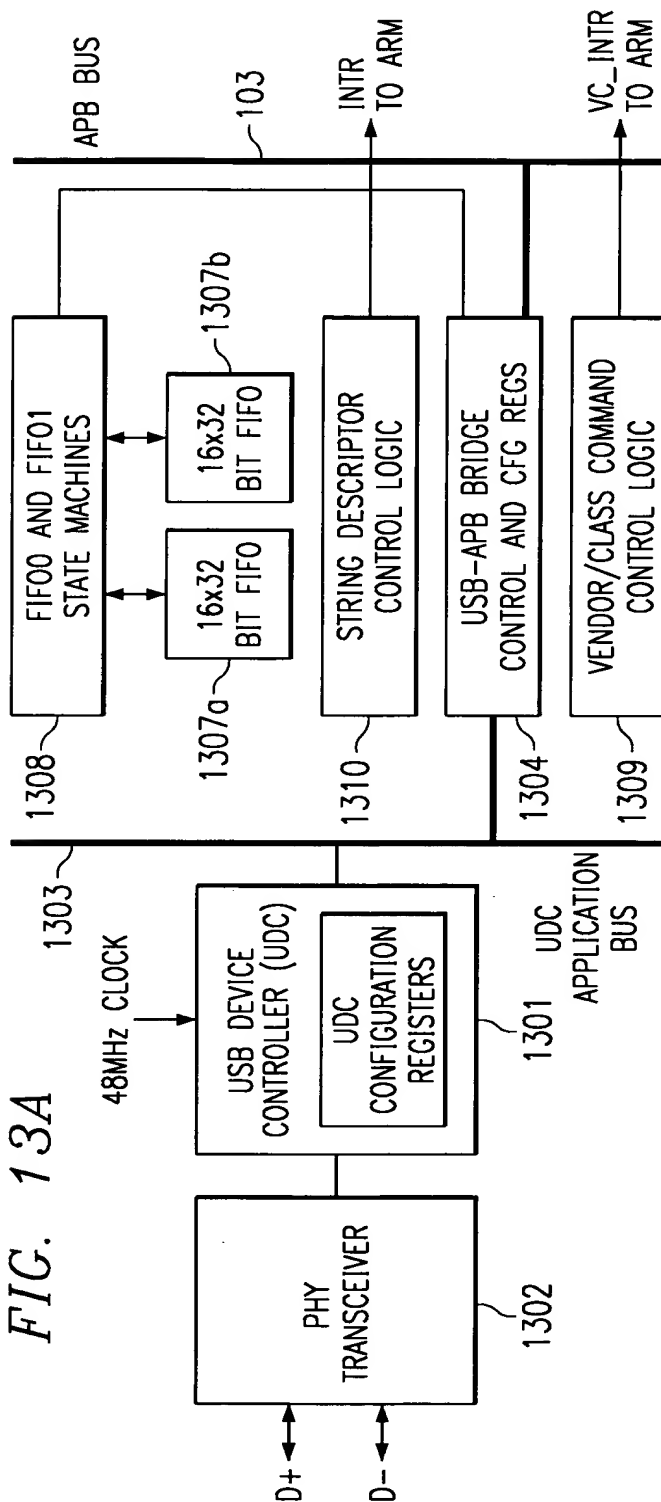


FIG. 13A



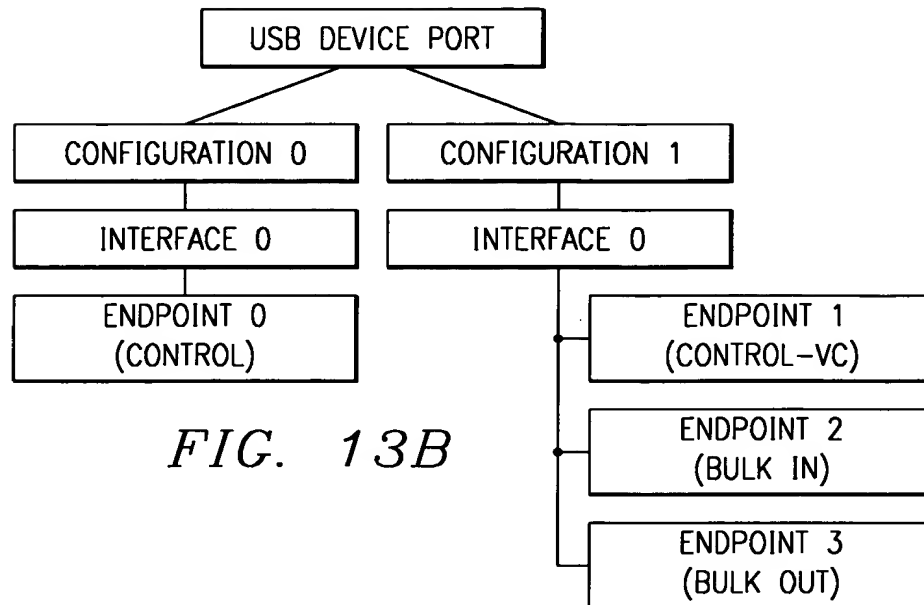


FIG. 13B

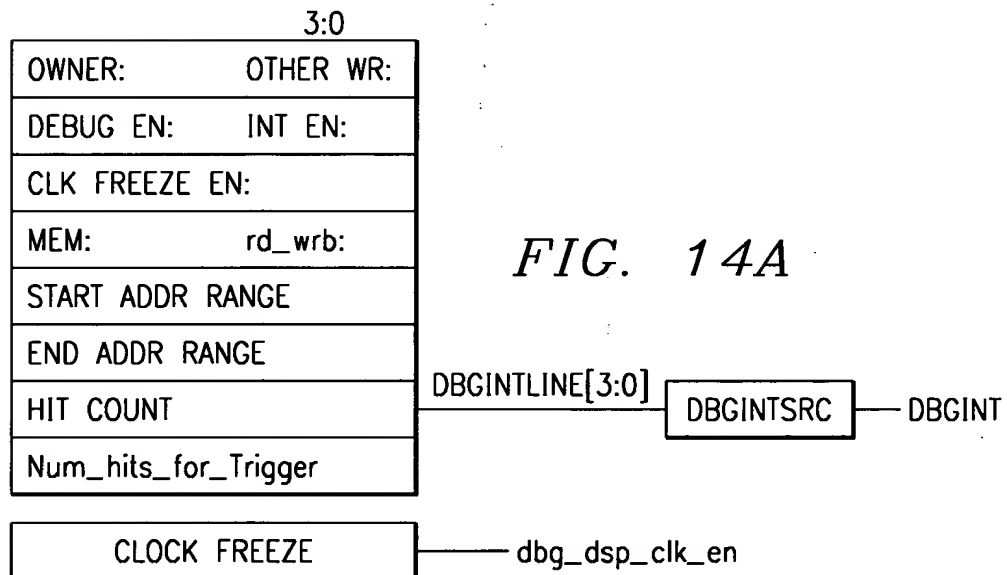
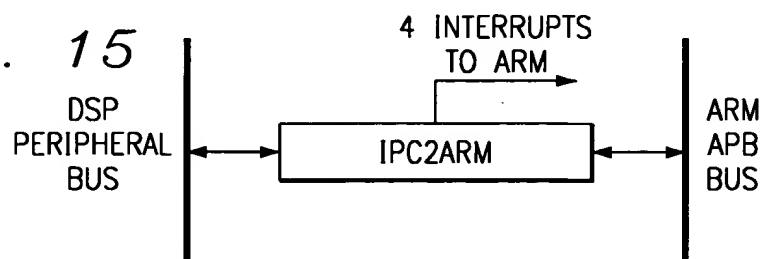


FIG. 14A

FIG. 15



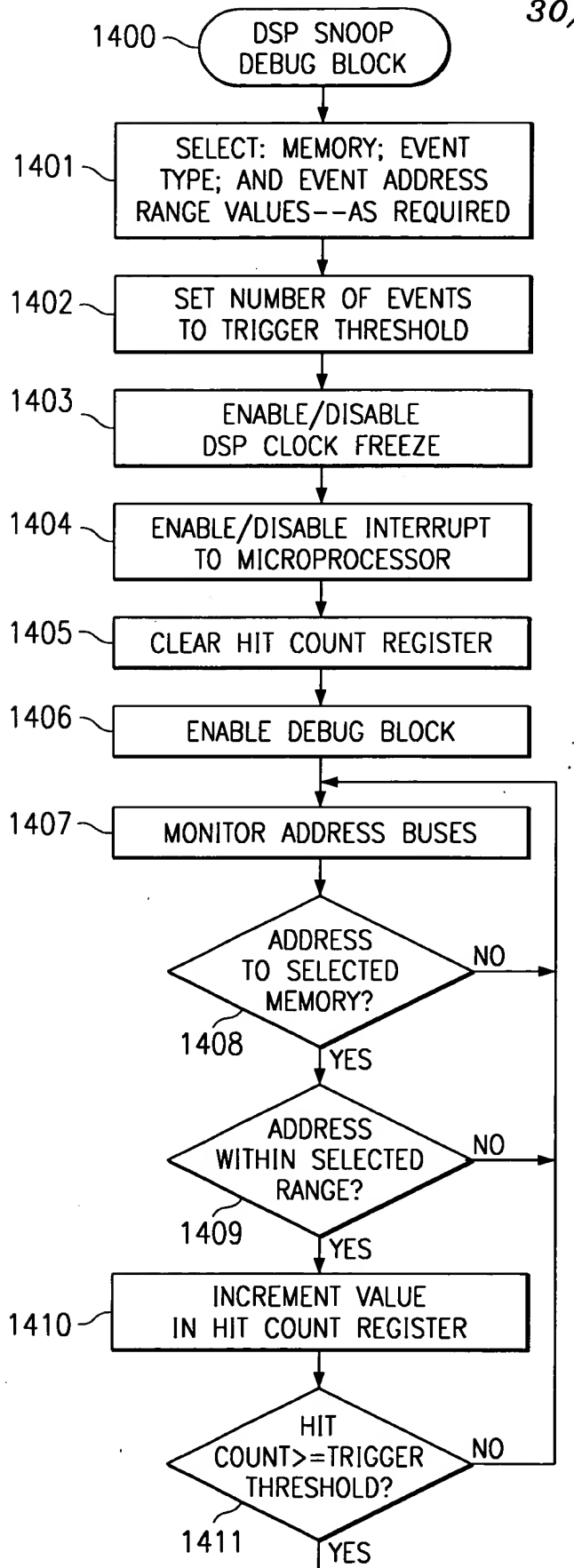


FIG. 14B

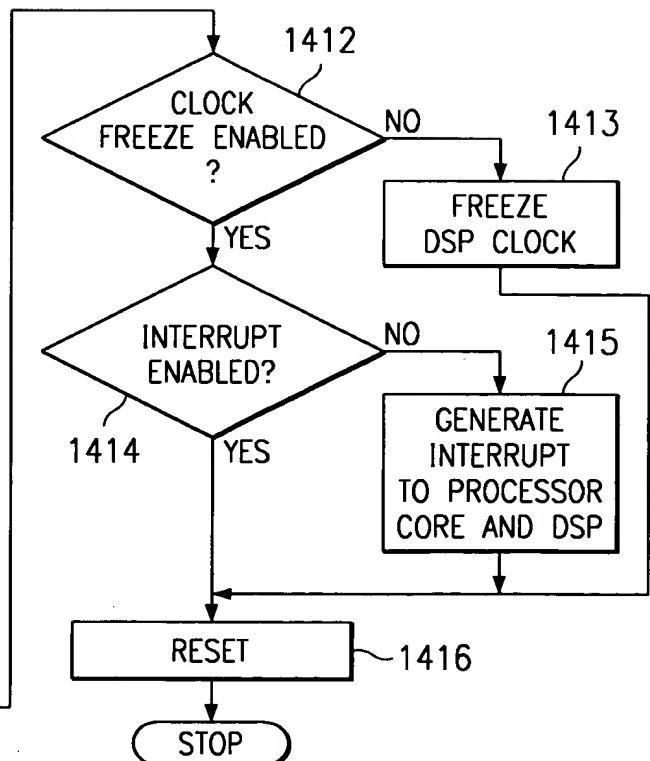


FIG. 16A

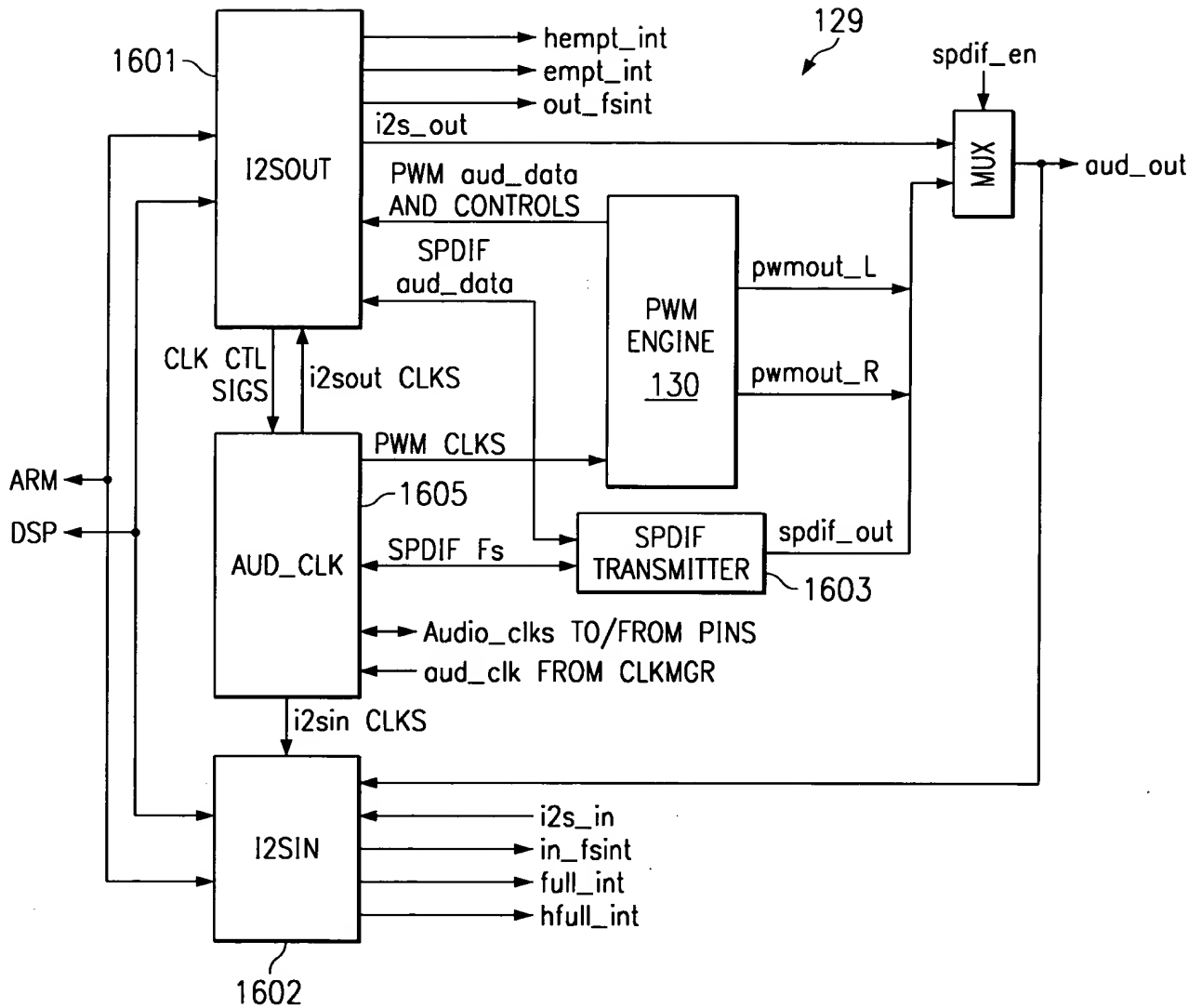


FIG. 16B

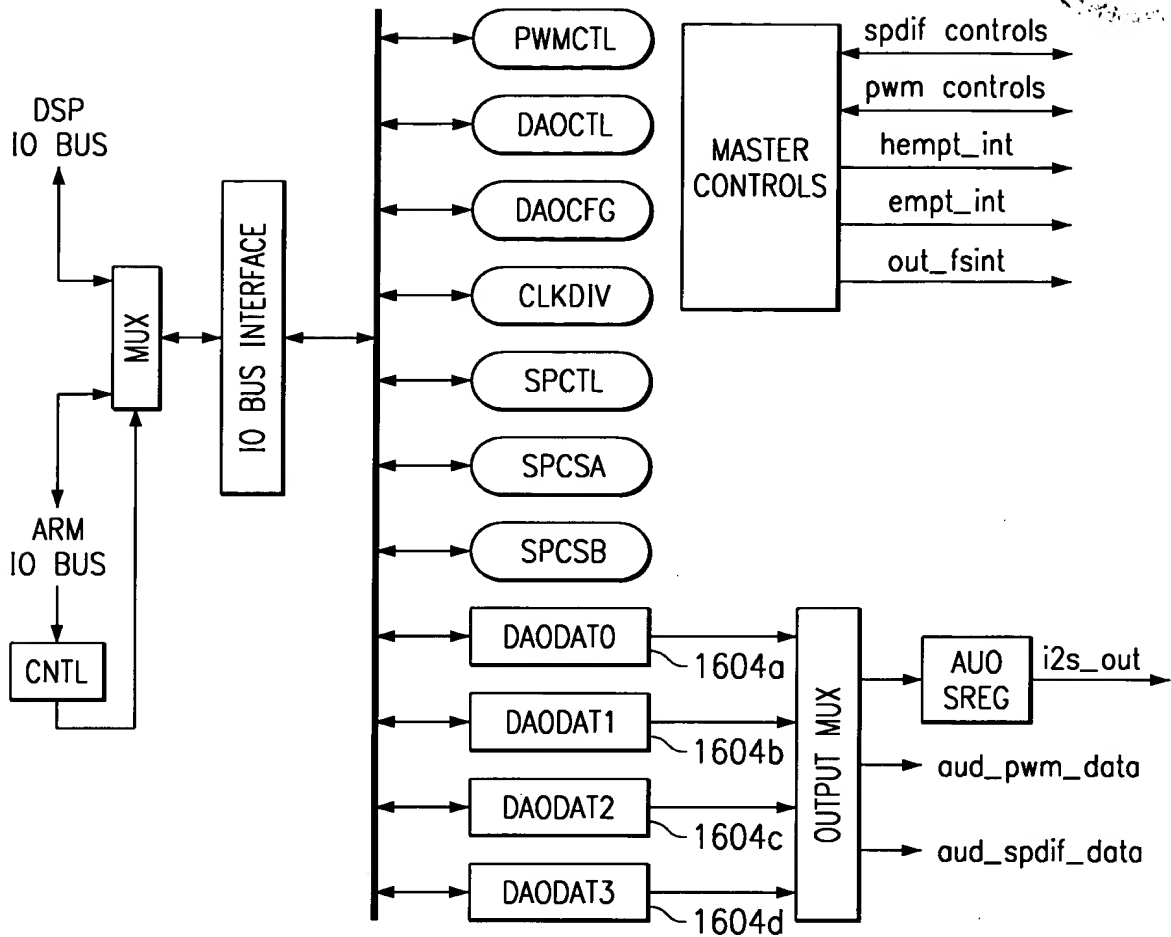
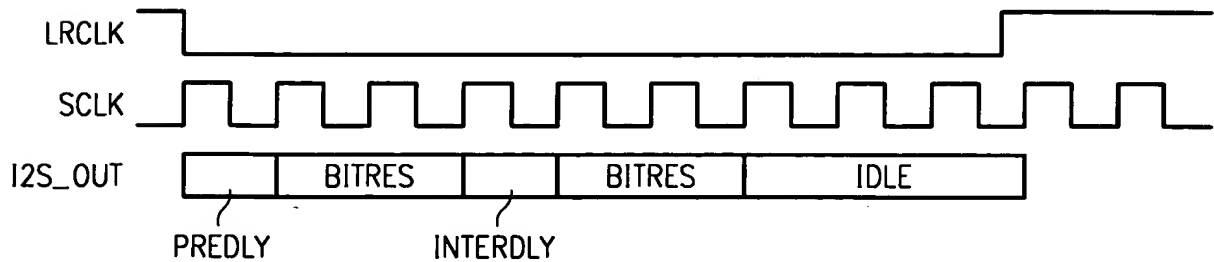


FIG. 16C





1602

FIG. 16D

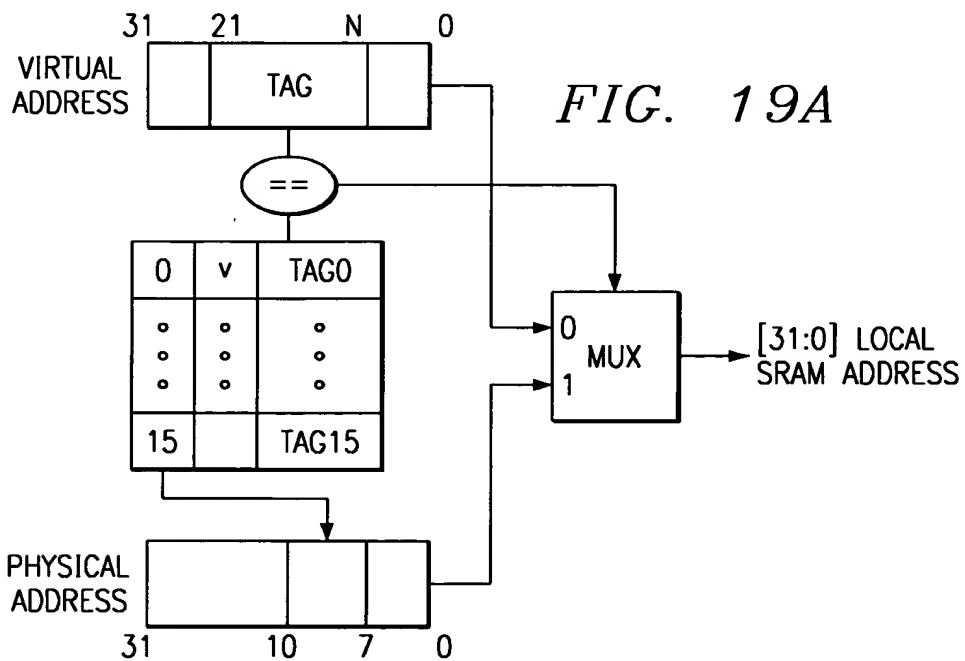
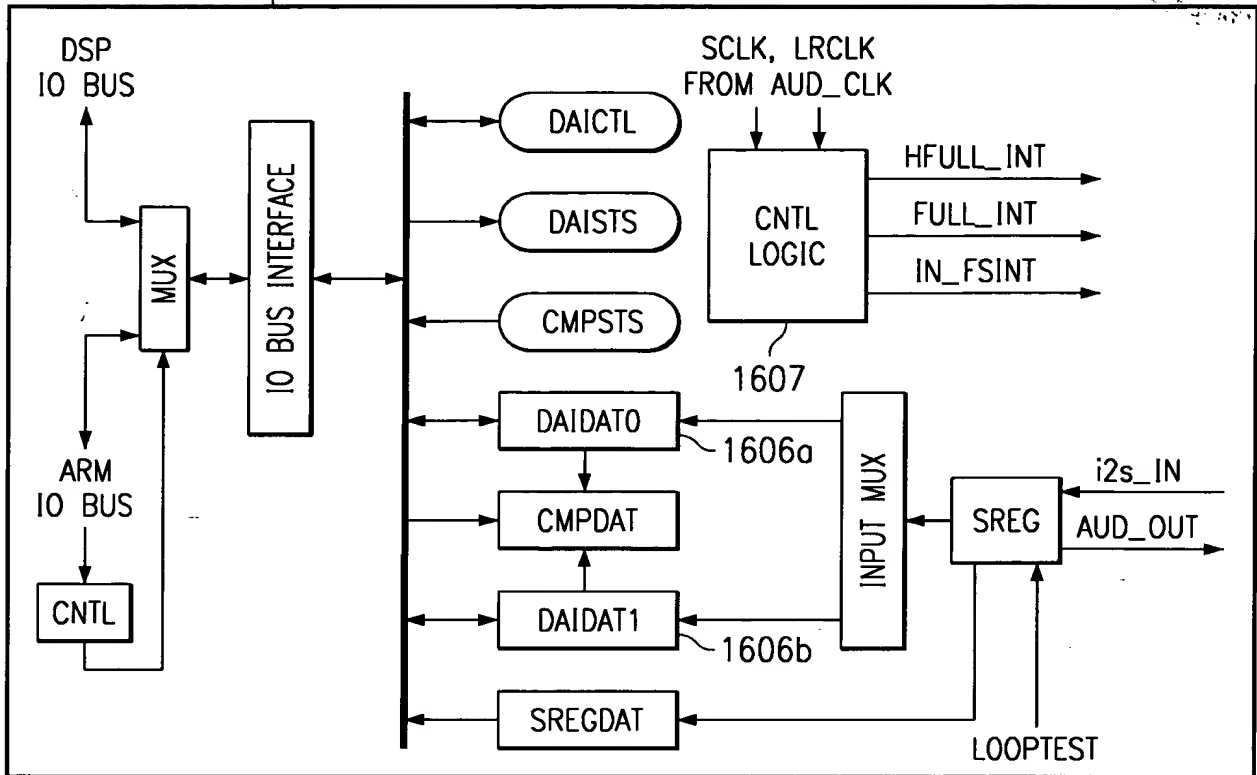


FIG. 19B

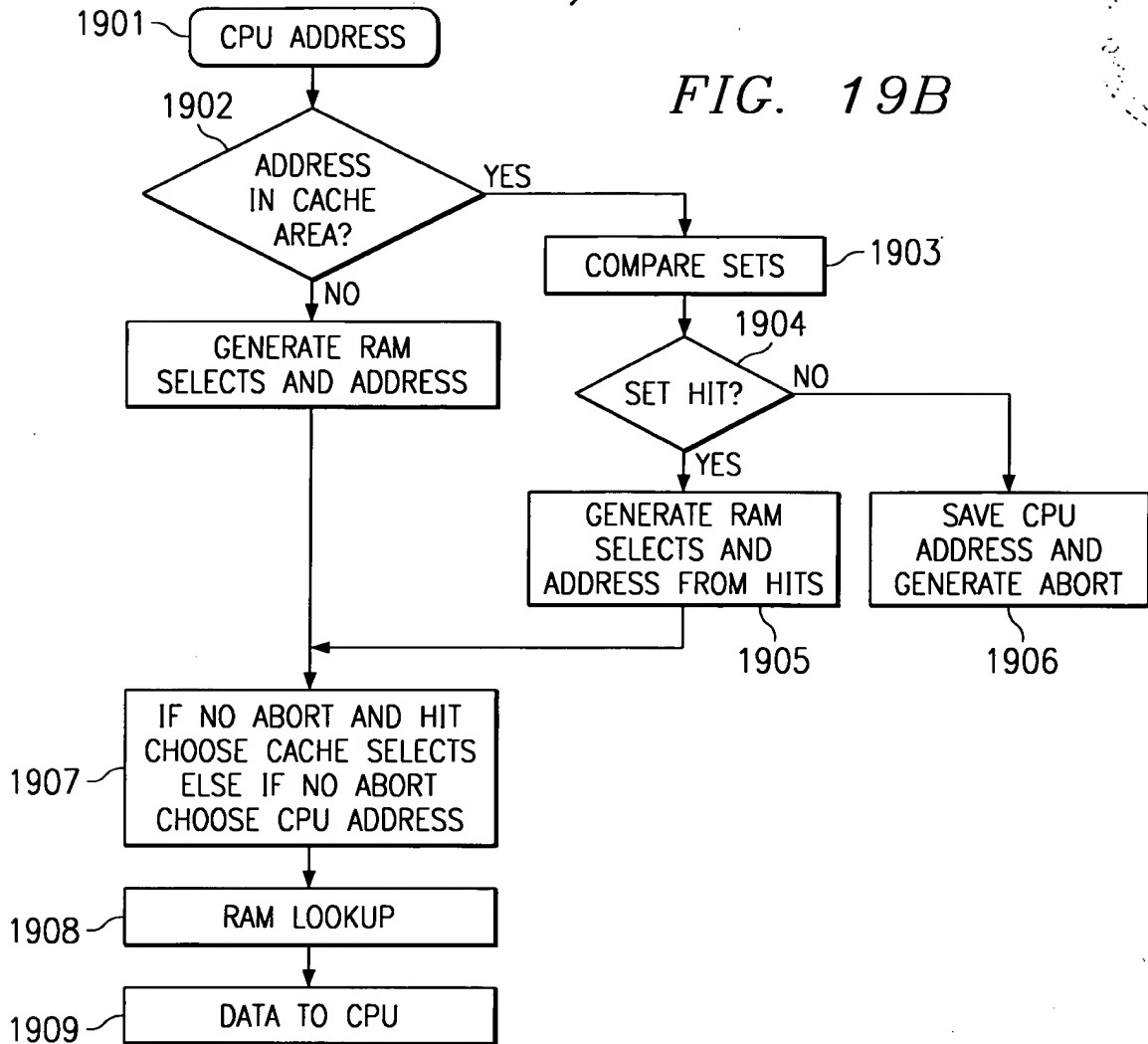
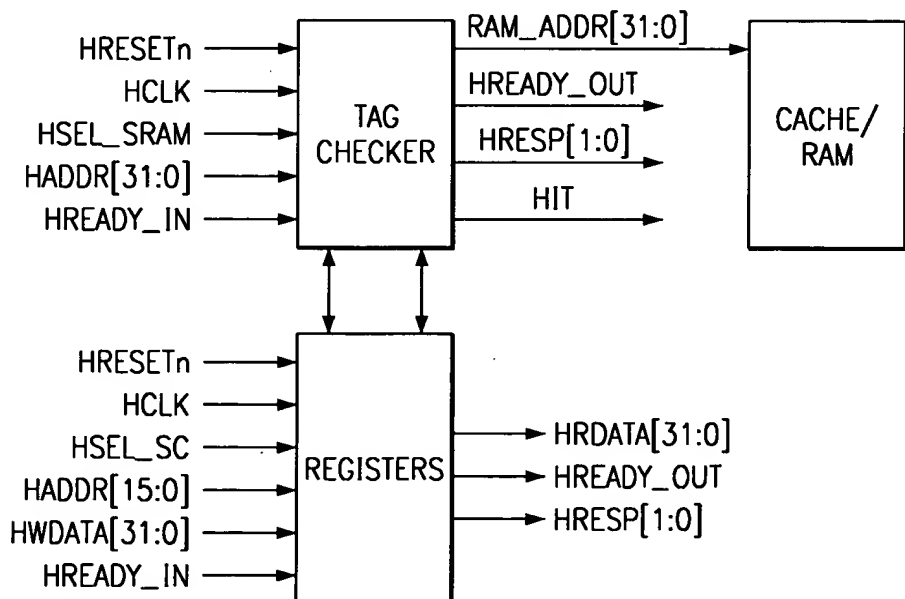


FIG. 19C



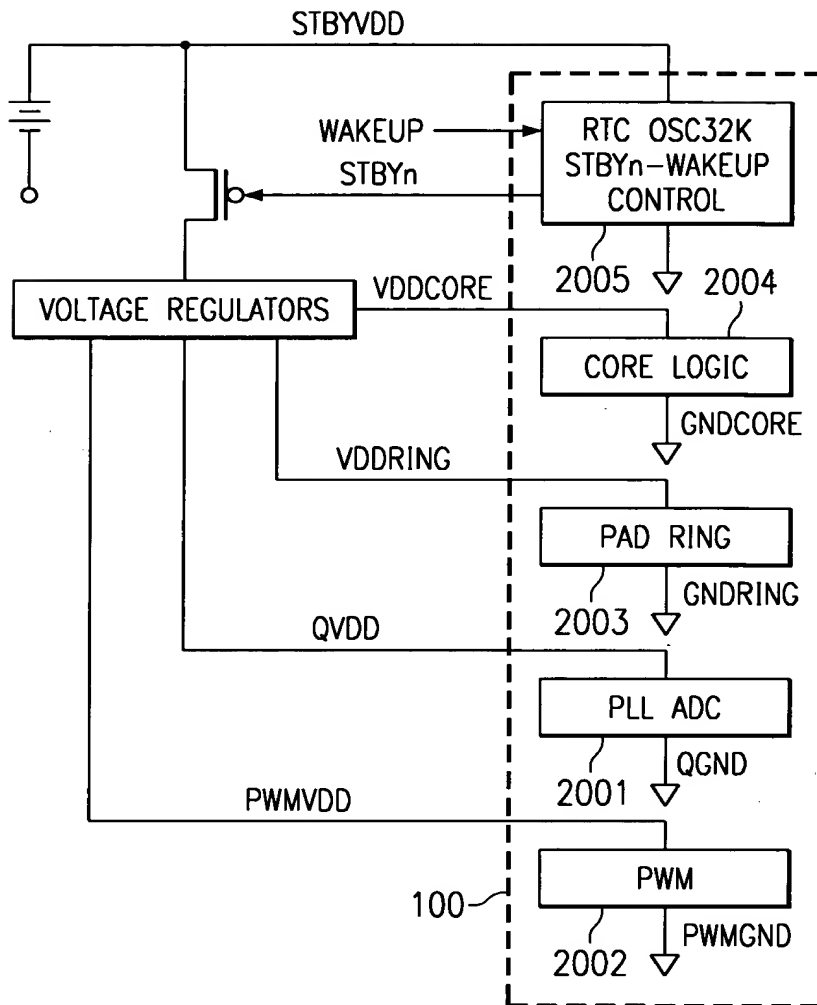


FIG. 20A

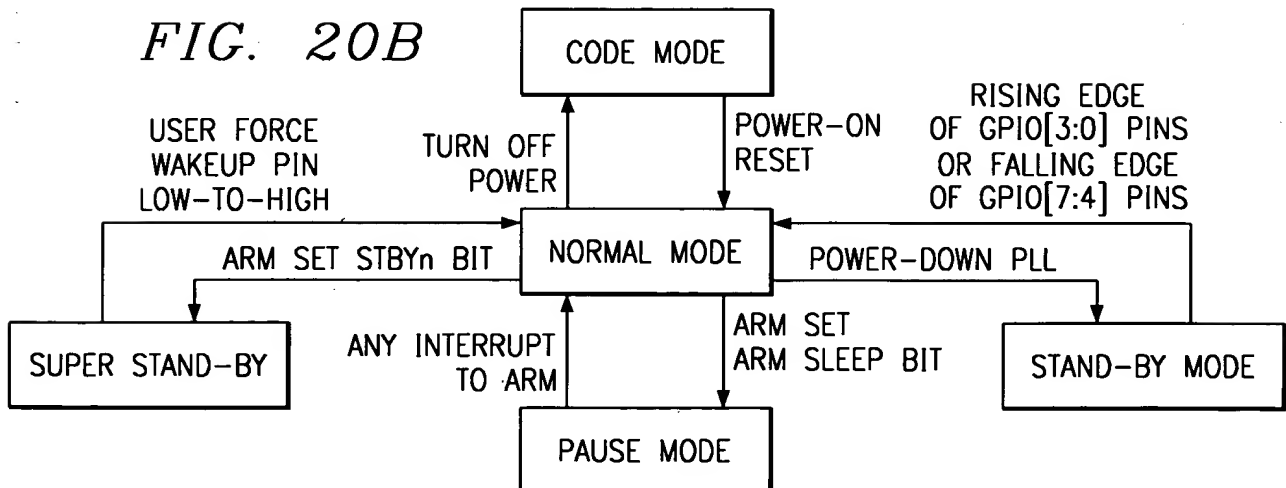
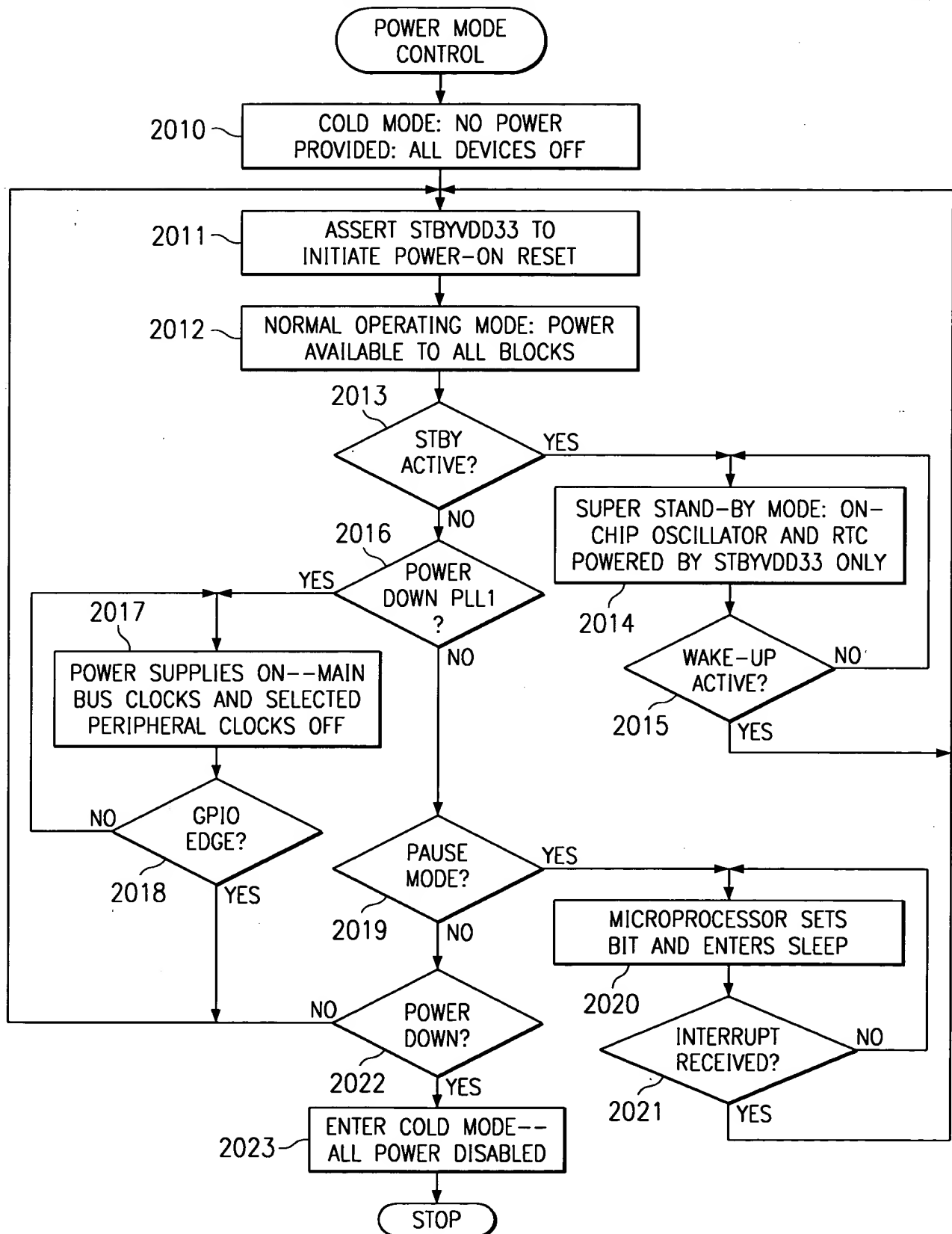


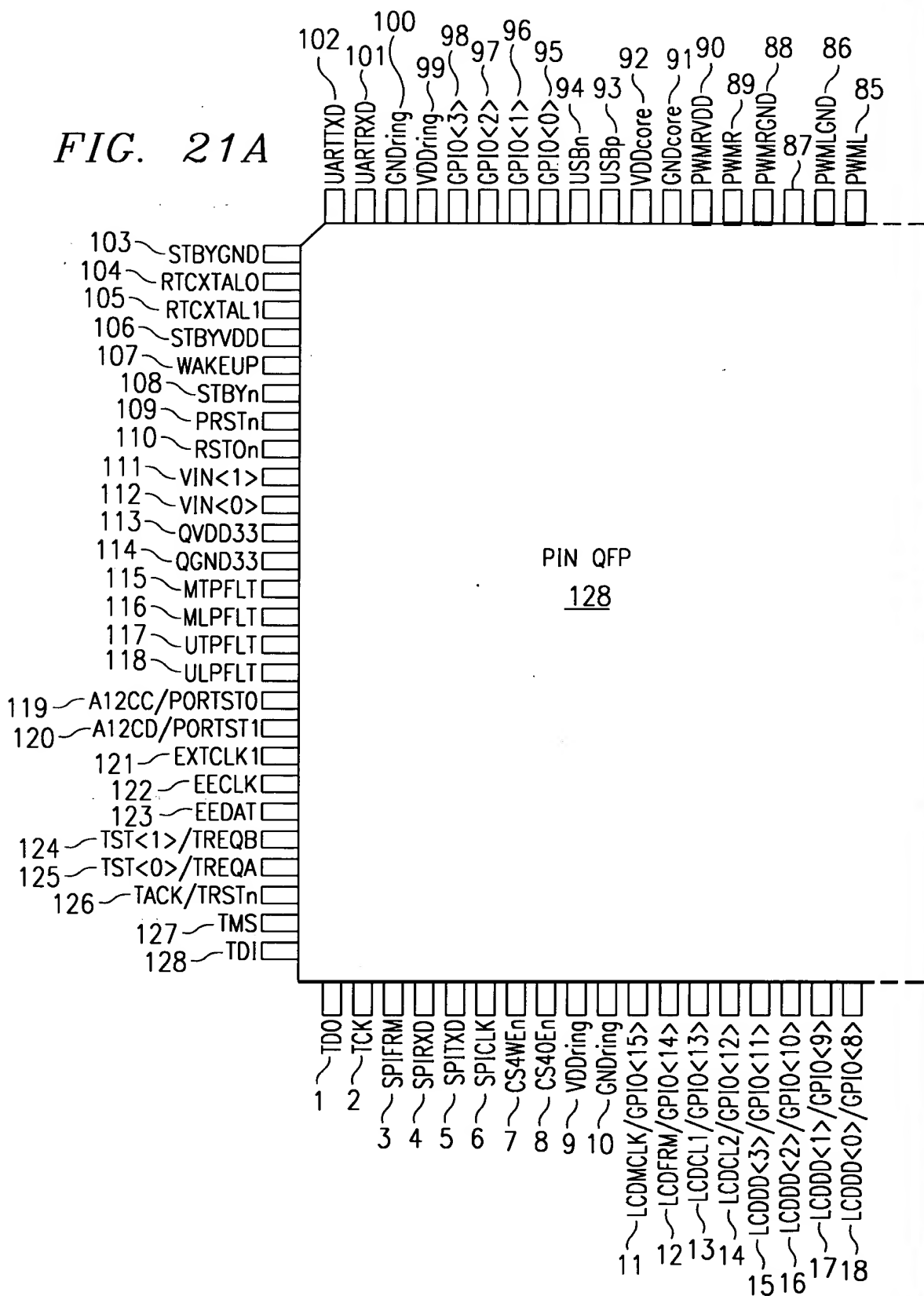
FIG. 20B

FIG. 20C



2023 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010

FIG. 21A

TO  
FIG.  
21B

FROM  
FIG.  
21APIN QFP  
128

FIG. 21B

